NORTHWESTERN UNIVERSITY

I COLLEGE OF LIBERAL ARTS
EVANSTON

II MEDICAL SCHOOL
CHICAGO

III LAW SCHOOL
CHICAGO

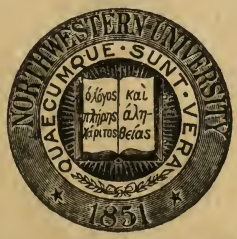
IV SCHOOL OF PHARMACY
CHICAGO

V DENTAL SCHOOL
CHICAGO

VI WOMAN'S MEDICAL SCHOOL
CHICAGO

VII SCHOOL OF MUSIC
EVANSTON

VIII SCHOOLS OF THEOLOGY
EVANSTON



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Northwestern University Press

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CONTENTS.

	PAGE,
ANNOUNCEMENTS,	9
CALENDAR,	14
THE CORPORATION,	15
OFFICERS OF INSTRUCTION AND GOVERNMENT,	18
UNIVERSITY COUNCIL,	32
ORGANIZATION AND GOVERNMENT,	34
CHARTER,	35
STATUTES,	40
COLLEGE OF LIBERAL ARTS,	45
Candidates for Admission,	48
Admission of Candidates for a Degree,	49
Subjects Required for Admission,	50
Examination for Admission,	54
Certificates	55
Admission from Accredited Schools,	55
Accredited Schools,	55
Admission of Special Students,	58
Admission to Advanced Standing,	58
Admission of Women,	59
Programs of Study,	60
Courses of Instruction,	62
Aims and Methods of Instruction,	98
Registration,	112
Electives,	113
Absences,	116
Examinations and Records,	116
Classification,	117
Degrees,	117
Graduate Work,	118
Grounds and Buildings,	123
Libraries,	127
Museums,	128
Laboratories,	131
Religious Culture,	132

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Physical Culture, - - - - - - 133
Athletics, - - - - - - - 134
Societies, - - - - - - - 136
Musical Organizations, - - - - - 136
Fellowships and Scholarships, - - - - 137
University Settlement, - - - - - - 137
Prizes, - - - - - - - 138
Expenses, - - - - - - - 141
Payment of College Bills, - - - - - 143
Loan Funds, - - - - - - - 144
Self-Support, - - - - - - 144
The Medical School, - - - - - - 145
History, - - - - - - - 149
Buildings, - - - - - - - 150
Requirements for Admission, - - - - 151
Admission to Advanced Standing, - - - - 152
Departmental Instruction, - - - - - 153
Summer Courses, - - - - - - 167
Honors, - - - - - - - 168
Hospitals, - - - - - - - 169
Requirements for Graduation, - - - - 170
Text-Books and Books of Reference, - - - 171
Assignment of Seats, - - - - - 172
Expenses, - - - - - - - 172
The Law School, - - - - - - 173
Organization and Location, - - - - - 173
Requirements for Admission, - - - - 174
Advanced Standing, - - - - - - 174
Special Students, - - - - - - 176
Course of Instruction, - - - - - - 176
System of Study and Instruction, - - - - 179
Moot Courts, Practice Courts, and Thesis, - - - 180
Prizes, - - - - - - - 180
Library Facilities, - - - - - - 181
Degrees, - - - - - - - 182
Admission to the Bar, - - - - - - 183
Expenses, - - - - - - - 184
The School of Pharmacy, - - - - - 186
History, - - - - - - - 186
Plan of the School, - - - - - - 188
Scope and Methods of Instruction, - - - 189
Admission to Advanced Standing, - - - - 191
Requirements for Graduation, - - - - 191
Special Students, - - - - - - 192

Text-Books, - - - - - - - 192
Expenses, - - - - - - 193
THE DENTAL SCHOOL, - - - - - - 196
History, - - - - - - - 197
Requirements for Admission, - - - - - 198
Admission to Advanced Standing, - - - 198
Course of Study, - - - - - - 199
Facilities for Instruction, - - - - 200
Methods of Instruction, - - - - - 201
Infirmary Clinics, - - - - - - 204
Requirements for Graduation, - - - - 204
Expenses, - - - - - - - 205
THE WOMAN'S MEDICAL SCHOOL, - - - - 207
History, - - - - - - - 209
Requirements for Admission, - - - - 209
Admission to Advanced Standing, - - - 210
Admission of Special Students, - - - - 210
Curriculum of Study, - - - - - 211
Plan of Instruction, - - - - - - 213
Laboratory Work, - - - - - - 213
Clinical Instruction, - - - - - - 215
Hospitals, - - - - - - - 215
Requirements for Graduation, - - - - 217
Hospital Appointments, - - - - - 217
Text-Books and Books of Reference, - - - 218
Scholarships, - - - - - - 219
Expenses, - - - - - - - 220
THE SCHOOL OF MUSIC, - - - - - 221
Advantages, - - - - - - - 222
The Theoretical School, - - - - - 223
The Practical School, - - - - - - 224
Scholarships, - - - - - - 225
Expenses, - - - - - - - 225
THE SCHOOLS OF THEOLOGY, - - - - - 228
Garrett Biblical Institute, - - - - - - 228
Requirements for Admission, - - - - 229
Instruction, - - - - - - - 229
Courses of Study, - - - - - - 231
Diploma Courses, - - - - - - 232
Schedule of Studies, - - - - - 234
Method of Instruction, - - - - - - 236
Libraries, - - - - - - - 236
Devotional Exercises, - - - - - - 237
Literary Societies, - - - - - - 237

Buildings, - - - - - - - 237
Financial Aid, - - - - - - - 237
Form of Bequest, - - - - - - 238
Expenses, - - - - - - - 238
Norwegian-Danish Department, - - - - 238
Swedish Theological Seminary, - - - - - 239
Class Instruction, - - - - - - 240
CATALOGUE OF STUDENTS, DEGREES, PRIZES, ETC., - - 245

ANNOUNCEMENTS FOR 1897–98.

THE CORPORATION.

1897.	
February 2,	Tuesday, Semi-annual Meeting of the Board of Trustees.
June 15,	Tuesday, Semi-annual Meeting of the Board of Trustees.

COLLEGE OF LIBERAL ARTS.

1897.	
June 2,	Wednesday, to June 10, Thursday, Regular Examinations.
June 11,	Friday, Additional Examinations.
June 13,	Sunday, Baccalaureate Address.
June 14 and 15,	Monday and Tuesday, Examination for Admission to College of Liberal Arts.
June 15,	Tuesday, Kirk Prize Contest.
June 15,	Tuesday, Annual Meeting of the Phi Beta Kappa Society.
June 16,	Wednesday, Alumni Association Meeting.
June 16,	Wednesday, Annual Address before Phi Beta Kappa Society.
June 17,	Thursday, Commencement.
September 20 and 21,	Monday and Tuesday, Examination for Admission to College of Liberal Arts.
September 23,	Thursday, **First Semester Begins.**
September 23,	Thursday, Supplementary Examinations.
October 6,	Wednesday, Shaffer Prize Contestants Announced.
November 24,	Wednesday Evening, to November 29, Monday Morning, Thanksgiving Recess.
December 22,	Wednesday Evening, to January 2, 1898, Sunday Evening, Holiday Recess.
1898.	
January 11,	Tuesday, Appointment of Gage Prize Contestants.
January 14,	Friday, Shaffer Prize Contest.

January 28,	Thursday, Day of Prayer for Colleges.
February 1,	Tuesday, to February 8, Tuesday, Regular Examinations.
February 9,	Wednesday, Additional Examinations.
February 9,	Wednesday Evening, to February 14, Monday Morning, Spring Recess.
February 10,	Thursday, **Second Semester Begins.**
February 14,	Monday, Supplementary Examinations.
April 16,	Thursday Evening, to April 20, Monday Morning. Easter Recess.
April 1,	Friday, Gage Prize Contest.
April 23,	Saturday, Last day for Presentation of Theses, Advanced Degrees.
April 30,	Saturday, Presentation of Dewey Prize Essays, Harris Prize Theses, and Cushing Prize Dissertations.
April 30,	Saturday, Examination of Candidates for Advanced Degrees.
May 25,	Wednesday, to June 10, Thursday, Regular Examinations.
June 3,	Friday, Additional Examinations.
June 5,	Sunday, Baccalaureate Address.
June 13 and 14,	Monday and Tuesday, Examinations for Admission to College of Liberal Arts.
June 14,	Tuesday, Kirk Prize Contest.
June 14,	Tuesday, Annual Meeting of the Phi Beta Kappa Society.
June 15,	Wednesday, Alumni Association Meeting.
June 15,	Wednesday, Annual Address before Phi Beta Kappa Society.
June 16,	Thursday, Commencement.
September 19 and 20,	Monday and Tuesday, **Examination for Admission to College of Liberal Arts.**
September 22,	Thursday, **First Semester Begins.**
September 22,	Thursday, Supplementary Examinations.
October 5,	Wednesday, Shaffer Prize Contestants Announced.

1897. THE MEDICAL SCHOOL.

September 27, October 4,	Examination for Admission.
October 5,	**First Semester**, Opening Exercises at 7:30 P.M.
October 6–13,	Examination for Students who are Conditioned.
November 24–29,	Thanksgiving Recess.
December 24,	Christmas Vacation Begins.

1898	
January 3,	Christmas Vacation Ends.
February 3,	**Second Semester Begins.**
February 22,	Washington's Birthday Recess.
May 30 to June 5.	Final Examinations.
June 15.	Alumni Association Meeting, 7.30 P.M.
June 16,	Commencement.

THE LAW SCHOOL.

1897.	
September 23,	Thursday, **First Semester Begins.**
November 25,	Thursday, Thanksgiving Recess.
December 23,	Thursday, Christmas Recess Begins.
1898.	
January 5,	Wednesday, Christmas Recess Ends.
January 27,	Thursday, Examinations Begin.
February 2,	Wednesday, First Semester Ends.
February 7,	Monday, **Second Semester Begins.**
February 22,	Tuesday, Washington's Birthday.
May 26,	Thursday, Examinations Begin.
June 16,	Thursday, Commencement.

THE SCHOOL OF PHARMACY.

1897.	
September 1,	Wednesday, **First Semester Begins.**
October 1,	Friday, Beginning of the Second Year's Studies for the Degree of Pharmaceutical Chemist.
November 25,	Thursday, Thanksgiving Recess.
December 23,	Thursday, Christmas Recess Begins.
1898.	
January 2,	Sunday, Christmas Recess Ends.
February 1,	Tuesday, **Second Semester Begins.**
February 22,	Tuesday, Washington's Birthday.
June 16,	Commencement.

THE DENTAL SCHOOL.

1897.	
	Examination for Admission on Application
October 6,	Opening Exercises at 7.30 P.M., Thursday.
October 6–18,	Examination for Advanced Standing.
November 25,	Thanksgiving.
December 23,	Christmas Vacation Begins.
1898.	
January 4,	**Second Semester Begins.**
March 25–30.	Final Examinations.
April 5,	Commencement.
	Alumni Association Meeting to be announced.

THE WOMAN'S MEDICAL SCHOOL.

1897.

September 22 to October 4,	Examination for Admission.
September 29,	Wednesday, 7:30 P.M., Opening Exercises.
September 30,	Thursday, 8 A.M., Instruction Begins.
November 25,	Thanksgiving Recess, includes Friday and Saturday.
December 18,	Christmas Vacation Begins at 6 P.M.

1898.

January 3,	Instruction Resumed at 8 A.M.
January 17,	Second Fifteen Weeks Begin.
February 12,	Lincoln's Birthday Recess.
February 22,	Washington's Birthday Recess.
May 2–7,	Final Examinations, Freshman Year.
May 9–14,	Final Examinations, Sophomore Year.
May 16,	Final Examinations, Junior and Senior Year, Continuing for three weeks.
June 16,	Thursday, Commencement.

SWEDISH THEOLOGICAL SCHOOL.

1897.

September 22,	Wednesday, **First Term Begins.**
December 21,	Tuesday, First Term Closes.

1898.

January 18,	Tuesday, **Second Term Begins.**
April 1,	Friday, Second Term Closes.
April 12,	Monday, **Third Term Begins.**
June 16,	Wednesday, Commencement.

SCHOOL OF MUSIC.

1897.

September 23,	Thursday, **First Semester Begins.**
November 25–26,	Thursday and Friday, Thanksgiving Recess.
December 22,	Wednesday, Holiday Recess Begins.

1898.

January 28,	Thursday, Day of Prayer for Colleges.
February 9,	Wednesday, Spring Recess Begins.
February 10,	**Second Semester Begins.**
June 10,	Friday, Commencement.

GARRETT BIBLICAL INSTITUTE.

1897.

May 2–6,	Commencement.
September 15,	Wednesday, Registration Day.
September 16,	Thursday, **First Semester Begins.**
November 24–30,	Thanksgiving Recess.
December 19,	Friday, Christmas Recess.

1898.

January 5,	**Second Semester Begins.**
May 1–5,	Commencement Week.

1896

JULY.

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1897

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CORPORATION.

OFFICERS.

Orrington Lunt,*	President.
William Deering,	Vice-President.
The Hon. Oliver Harvey Horton, LL.D.,	2d Vice-President.
Frank Philip Crandon, A.M.,	Secretary.
Robert Dickinson Sheppard, D.D.	Agent and Treasurer.

TRUSTEES.

TERM EXPIRES IN 1897.

Orrington Lunt*,	Evanston.
Norman Waite Harris,	Chicago.
Nathan Smith Davis, Jr., A.M., M.D.,	Chicago.
Elbert Henry Gary,	Chicago.
George Henry Foster,	Evanston.
John Richard Lindgren,	Evanston.
Alexander Hamilton Revell,	Chicago.
James Henry Raymond, A.M.,	Evanston.
The Hon. H. H. C. Miller, A.M.,	Evanston.
Charles Busby,	Chicago.

TERM EXPIRES IN 1898.

Edmund Andrews, M.D., LL.D.,	Chicago.
Nathan Smith Davis, M.D., LL.D.,	Chicago.
Henry Sargent Towle, LL.B.,	Chicago.
Harlow Niles Higinbotham,	Chicago.
John Balderston Kirk,	Evanston.
Henry Wade Rogers, LL.D.,	Evanston
John Wesley Doane,	Chicago.
Charles Bowen Congdon,	Evanston.

* *Deceased.*

TERM EXPIRES IN 1899.

The Hon. Oliver Harvey Horton, LL.D.,	Evanston.
William Deering,	Evanston.
The Rev. Frank Milton Bristol, A.M., D.D.,	Evanston.
Mrs. Joseph Cummings,	Evanston.
William Alden Fuller,	Chicago.
James Bartlett Hobbs,	Chicago.
Frank Philip Crandon, A.M.,	Evanston.
The Hon. Loren Cone Collins, A.M.,	Chicago.

TERM EXPIRES IN 1900.

The Hon. John Evans, M.D.,	Denver, Col.
Josiah J. Parkhurst,	Evanston.
Thomas Clarkson Hoag,	Pasadena, Cal.
David McWilliams,	Dwight.
The Rev. Richard Haney, D.D.,	Altoona.
Gustavus Franklin Swift,	Chicago.
Lyman Judson Gage,	Chicago.
William Andrew Dyche, A.M.,	Evanston.
Miss Cornelia Gray Lunt,	Evanston.
Henry Howard Gage,	Evanston.

ELECTED BY CONFERENCES.

ROCK RIVER.

The Rev. Amos William Patten, A.M., M.D.,	Joliet.
The Rev. William Anson Spencer, D.D.,	Philadelphia, Pa.

DETROIT.

The Rev. Joseph Flintoft Berry, D.D.,	Chicago.
The Rev. Arthur Edwards, A.M., D.D.,	Chicago.

CENTRAL ILLINOIS.

The Rev. James William Haney, A.M., D.D.,	Normal.
The Rev. Frank Warren Merrell, Ph.D.,	Rock Island.

MICHIGAN.

The Rev. George S. Hickey, A.M., D.D.,	Lansing, Mich.
The Rev. Alfred Edwin Craig, A.B., B.D.,	Albion, Mich.

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ORRINGTON LUNT, GEORGE HENRY FOSTER.
WILLIAM DEERING. JOSIAH J. PARKHURST.
HON. OLIVER H. HORTON, LL.D. JOHN BALDERSTON KIRK.
FRANK PHILIP CRANDON. JAMES HENRY RAYMOND, A.M.
HENRY WADE ROGERS, LL.D., WILLIAM ANDREW DYCHE, A.M.
H. H. C. MILLER, A.M.

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The President of the University is *ex-officio* a member of all the Committees.

Committee on the President's Report:— Messrs. MILLER, DOANE and HIGINBOTHAM.

Committee on Finance and on the Report of the Treasurer and Business Agent:— Messrs. KIRK, GAGE, and HARRIS.

Committee on the College of Liberal Arts:— Messrs. BRISTOL, PATTEN, and RAYMOND.

Committee on the Medical School:— Messrs. DAVIS, SR., DEERING, and HARRIS.

Committee on the Law School:— Messrs. TOWLE, KIRK, and COLLINS.

Committee on the School of Pharmacy:— Messrs. DAVIS, JR., FULLER, and DYCHE.

Committee on the Dental School:— Messrs. ANDREWS, DYCHE, and CONGDON.

Committee on School of Music:— Messrs. RAYMOND, BERRY, and LINDGREN.

Committee on the Woman's Medical School:— Messrs. DAVIS, SR., DYCHE, and MRS. PALMER.

Committee on Woman's Hall:— Messrs. CRANDON, HOBBS, and MRS. CUMMINGS.

Committee on the Library and Museum:—Messrs. FOSTER, DOANE, and MRS. PALMER.

Committee on Real Estate:— Messrs. HORTON, MCWILLIAMS, and Kirk.

Committee on Nominations:—Messrs. DEERING, HORTON, DAVIS, SR., CRANDON, and TOWLE.

Committee on Miscellaneous Subjects:— Messrs. FOSTER, FULLER and HOBBS.

OFFICERS OF INSTRUCTION AND GOVERNMENT.*

HENRY WADE ROGERS, LL.D., *President*,
1958 Sheridan Road, Evanston

WALTER HEYDOCK ALLPORT, M.D., - - - 85 Rush St.
Professor of Descriptive Anatomy, Medical School.

EDMUND ANDREWS, A.M., M.D., LL.D., - - 65 Randolph St.
Professor of Clinical Surgery, Medical School.

EDWARD WYLLYS ANDREWS, A.M., M.D., - 65 Randolph St.
Professor of Clinical Surgery, Medical School.

FKANK TAYLOR ANDREWS, A.M., M.D., - - 65 Randolph St.
Professor of Clinical Gynecology, Medical School.

JAMES DEWITT ANDREWS, LL.B., - 1st National Bank Bldg.
Assistant Professor of Law.

EDWARD H. ANGLE, D.D.S., - Cor. Madison and Franklin Sts.
Professor of Orthodontia.

CHARLES BEACH ATWELL, PH.M., 1938 Sherman Ave., Evanston.
Professor of Botany and *Registrar in College of Liberal Arts.*

ROBERT BAIRD, A.M., - - 2238 Sheridan Road, Evanston.
Professor of the Greek Language and Literature.

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LUCIUS CROCKER PARDEE, M.D., - - 34 Washington St.
Clinical Instructor in Dermatology and Syphilology, Medical School.

HUGH T. PATRICK, M.D., - - - 465 Lasalle Ave.
Instructor in Clinical Neurology, Medical School.

CHARLES WAGGENER PATTERSON, PH.C., 194 Thirty-seventh St.
Instructor in Dispensing, Medical School.

HERMAN DURAND PETERSON, M.D., - 83 E. Eighteenth St.
Instructor in Clinical Gynecology, Medical School.

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*Resigned.

SAMUEL CRAIG PLUMMER, A.M., M.D., - - 4304 Lake Ave.
Demonstrator of Operative Surgery, Instructor in Clinical Surgery, Medical School.

JOHN LINCOLN PORTER, M.D., - - - - 103 State St.
Clinical Instructor in Orthopedic Surgery, Medical School.

ROBERT BRUCE PREBLE, A.B., M.D., - 1907 Deming Court.
Instructor in Clinical Medicine and General Pathology, Medical School.

JOHN QUINN, - - - - - - Chicago.
Instructor of Cornet and French Horn.

INGEBORG RASMUSSEN, M.D., - - - 372 W. Ohio St.
Clinical Assistant to Chair of Diseases of Chest and Throat, Woman's Medical School.

ISAAC DONALDSON RAWLINGS, M.S., M.D., 2421 Dearborn St.
Demonstrator of Bacteriology and Instructor in Clinical Medicine, Medical School; Assistant Demonstrator of Anatomy, Dental School.

DANIEL WESTON ROGERS, A.B., M.D., - 3200 Michigan Ave.
Instructor in Clinical Surgery and Diseases of Children, Medical School.

WILLIAM HENRY RUMPF, M.D., - - 2006 Indiana Ave.
Clinical Assistant in Gynecology, Medical School.

OTTO LEOPOLD SCHMIDT, - - - - Schiller Bldg.
Instructor in Practical Medicine, Medical School.

WILLIAM EDWARD SCHROEDER, M.D., - 4323 Prairie Ave.
Instructor in Surgery and in Clinical Surgery, Medical School.

DON LEE SHAW, M.D., - - - - 34 Washington St.
Instructor in Anatomy, Woman's Medical School.

CUNERA R. SHEFFER, M.D., - Insane Asylum, Dunning, Ill.
Clinical Assistant to Chair of Nervous Diseases, Woman's Medical School.

VALBORG SOGN, M.D., - - - - 312 N. State St.
Clinical Assistant to the Chair of Gynecology, Woman's Medical School

AMOS RUFUS SOLENBERGER, PH.D., M.D., 34 Washington St.
Clinical Instructor in Laryngology and Rhinology, Medical School.

EDITH STURGES, A.B., M.D., - - 5601 Washington Ave.
Assistant to the Chair of Clinical Medicine, Woman's Medical School.

LOUIS THEXTON, M.D., - - Aurora Hospital, Aurora, Ill.
Instructor in Anatomy, Woman's Medical School.

MARY WRIGHT THOMAS, M.D., - - 31 Washington St.
Instructor in Chemistry, Woman's Medical School.

BERTHA VAN HOOSEN, A.B., M.D., - 489 E. Forty-third St.
Instructor in Embryology, Woman's Medical School.

FRANCES TODD VAN VELSOR, M.D., Ellis Ave. and Sixty-first St.
Clinical Assistant and Instructor in Surgery, Woman's Medical School.

FRANCIS XAVIER WALLS, M.D., - - - 103 State St.
Director of Histological and Pathological Laboratories, and *Instructor in Practical Medicine, Medical School.*

THOMAS JAMES WATKINS, M.D.. - - 93 E. Eighteenth St.
Clinical Instructor in Gynecology, Medical School.

CHARLES FREDERICK WEIR, M.S., M.D., - 6300 Stewart Ave.
Instructor in Anatomy and in Clinical Gynecology, Medical School.

ARTHUR HERBERT WILDE, A.B., B.D., 1011 Ayers Pl., Evanston.
Instructor in History.

ROSE WILLARD, M.D., - - - - 55 Woodlawn Ave.
Instructor in Diseases of Children and Clinical Assistant to the Chair of Gynecology, Woman's Medical School.

HENRY PERCIVAL WOLEY, A.B., M.D., - 3202 Rhodes Ave.
Clinical Assistant in Orthopedic Surgery, Medical School.

OTHER OFFICERS.

MARTHA M. CROFUT, M.D., - - - - 333 Lincoln St.
Clerk, Woman's Medical School.

CARLOTTA FRANCES GRAY, - 1403 Benson Ave., Evanston.
Secretary to the President and to the Registrar, College of Liberal Arts.

JESSIE GILMAN HALL, - - - 141 N. Robey St.
Clerk in the School of Pharmacy.

HIRAM PORTER HENDRICKS, - - - 2421 Dearborn St.
Clerk, Medical School.

JOHN HOLLINGSHEAD, - - 522 Davis St., Evanston.
Clerk, Business Office.

ANNIE WORTHERSPOON PATTERSON, - Woman's Hall, Evanston.
Matron, Woman's Hall.

UNIVERSITY COUNCIL.

Henry Wade Rogers, LL.D., *President.*

COLLEGE OF LIBERAL ARTS.

Oliver Marcy, LL.D.,
Daniel Bonbright, LL.D.

MEDICAL SCHOOL.

Nathan Smith Davis, M.D., LL.D.
Edmund Andrews, M.D., LL.D.

LAW SCHOOL.

The President.
John Henry Wigmore, A.M., LL.B.

SCHOOL OF PHARMACY.

Oscar Oldberg, Ph.D.
John Harper Long, Sc.D.

DENTAL SCHOOL.

Edgar Denman Swain, D.D.S.
Theodore Menges, D.D.S.

WOMAN'S MEDICAL SCHOOL.

Isaac Newton Danforth, M.D.
William Teel Montgomery, M.D.

NORTHWESTERN UNIVERSITY.

The University comprises the following degree-conferring departments, each having a distinct Faculty of Instruction:

The College of Liberal Arts,
The Medical School,
The Law School,
The School of Pharmacy,
The Dental School,
The Woman's Medical School,
The School of Music,
The Schools of Theology.

The departments of the University are situated in Chicago and Evanston, Illinois. The Schools of Medicine, Law, Pharmacy, and Dentistry are established in the former place because of the advantages which a great city affords to those engaged in professional study. The College of Liberal Arts is established in Evanston because of the advantages to be derived from carrying on undergraduate study in a place somewhat removed from the distractions of a large city. The School of Music is also established in Evanston and in close proximity to the College of Liberal Arts. Evanston is the most beautiful suburb of Chicago. It is situated on the shore of Lake Michigan, twelve miles from the center of the city, is tastefully laid out, and is in all respects a model university town. Its population numbers twenty thousand. The charter of the University prohibits the sale of intoxicating liquors within four miles of the University. This provision of the charter is strictly enforced within the city of Evanston. As a result, the place is unusually free from immoral influences. The intelligence and sobriety of the community and the excellent social privileges offered materially aid the University in its work of education.

ORGANIZATION AND GOVERNMENT.

A meeting to consider the project of founding a university in the vicinity of Chicago was held in that city on May 31, 1850. It was unanimously resolved that "the interests of Christian learning demand the immediate establishment of a University in the Northwest," and a committee was thereupon appointed to secure a charter from the General Assembly of Illinois. The movement met with success, and a charter was obtained which was approved by the Governor on January 28, 1851. It was not, however, until June, 1853, that a President of the University was appointed.

The College of Liberal Arts was the first department of the University to be organized, and was formally opened in November, 1855. The Medical School was established in connection with the University in 1869, the Law School in 1873, the School of Pharmacy in 1887, the Dental School in 1888, the Woman's Medical School in 1892, and the School of Music in 1895. The Garrett Biblical Institute was adopted as the Theological School of the University.

The government of the University is committed to a Board of forty-four Trustees. This board has the power of electing professors and instructors, managing the property of the corporation, and determining the general policy of the institution. It delegates certain powers to subordinate boards:

First—To the Executive Committee, which has power to conduct and manage the business of the institution during the intervals between the meetings of the Trustees.

Second—To the faculties of the institution under their control, to which is committed the regulation of the instruction and discipline of the several schools, subject to the action of the Trustees and of the Executive Committee.

UNIVERSITY CHARTER.

The charter granted to the University, in 1851, reads as follows:

SECTION I. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That Richard Haney, Philo Judson, S. P. Keyes, and A. E. Phelps, and such persons as shall be appointed by the Rock River Annual Conference of the Methodist Episcopal Church to succeed them in the said office; Henry Summers, Elihu Springer, David Brooks, and Elmore Yocum, and such persons as shall be appointed by the Wisconsin Annual Conference of said church to succeed them; four individuals, if chosen, and such persons as shall be appointed to succeed them by the Michigan Annual Conference of said church; four individuals, if chosen, and such persons as shall be appointed to succeed them by the North Indiana Annual Conference of said church; H. W. Reed, I. I. Stewart, D. N. Smith, and George M. Teas, and such persons as shall be appointed to succeed them by the Iowa Annual Conference of said church; four individuals, if chosen, and such persons as shall be appointed to succeed them by the Illinois Annual Conference of said church; A. S. Sherman, Grant Goodrich, Andrew J. Brown, John Evans, Orrington Lunt, J. K. Botsford, Joseph Kettlestrings, George F. Foster, Eri Reynolds, John M. Arnold, Absalom Funk, and E. B. Kingsley, and such persons, citizens of Chicago or its vicinity, as shall be appointed by the Board of Trustees hereby constituted to succeed them, be, and they are hereby created and constituted a body politic and corporate, under the name and title of the *Trustees of the Northwestern University*, and henceforth shall be styled and known by that name, and by that name and style to remain and have perpetual succession, with power to sue and be sued, plead and be impleaded, to acquire, hold and convey property, real, personal, or mixed, in all lawful ways; to have and use a common seal and to alter the same at pleasure; to make and alter from time to time such by-laws as they may deem necessary for the government of said institution, its officers and servants, provided such by-laws are not inconsistent with the constitution and laws of this State and of the United States, and to confer on such persons as may be considered worthy such academical or honorary degrees as are usually conferred by similar institutions.

SECTION II. The term of office of said Trustees shall be four years, but that of one member of the Board for each conference enjoying the appointing power by this act, and the term of three of the members whose successors are to be appointed by the Board

hereby constituted, shall expire annually; the term of each member of the Board herein named to be fixed by lot at the first meeting of said Board, which Board shall, in manner above specified, have perpetual succession, and shall hold the property of said institution solely for the purposes of education, and not as a stock for the individual benefit of themselves or any contributor to the endowment of the same; and no particular religious faith shall be required of those who become students at the institution. Nine members shall constitute a quorum for the transaction of any business of the Board, except the appointment of President or Professor, or the establishment of chairs in said institution, and the enactment of by-laws for its government, for which the presence of a majority of the Board shall be necessary.

SECTION III. Said Annual Conferences of the Methodist Episcopal Church, under whose control and patronage said University is placed, shall each also have the right to appoint annually two suitable persons, members of their own body, visitors to said University, who shall attend the examination of students, and be entitled to participate in the deliberations of the Board of Trustees, and enjoy all the privileges of members of said Board except the right to vote.

SECTION IV. Said institution shall remain located in or near the City of Chicago, Cook County, and the corporators and their successors shall be competent in law or equity to take to themselves, in their said corporate name, real, personal, or mixed estate, by gift, grant, bargain and sale, conveyance, will, devise, or bequest of any person or persons whomsoever; and the same estate, whether real, personal, or mixed, to grant, bargain, sell, convey, devise, let, place out at interest, or otherwise dispose of the same for the use of said institution in such manner as to them shall seem most beneficial to said institution. Said corporation shall faithfully apply all the funds collected or the proceeds of the property belonging to the said institution, according to their best judgment, in erecting and completing suitable buildings, supporting necessary officers, instructors, and servants, and procuring books, maps, charts, globes, and philosophical, chemical, and other apparatus necessary to the success of the institution, and do all other acts usually performed by similar institutions, that may be deemed necessary or useful to the success of said institution, under the restrictions herein imposed: *Provided*, nevertheless, that in case any donation, devise, or bequest shall be made for particular purposes accordant with the design of the institution, and the corporation shall accept the same, every such donation, devise, or bequest shall be applied in conformity with the express conditions of the donor or devisor: *Provided, further*, that said corporation

shall not be allowed to hold more than two thousand acres of land at any one time unless the said corporation shall have received the same by gift, grant, or devise; and in such case they shall be required to sell or dispose of the same within ten years from the time they shall acquire such title; and, on failure to do so, such lands over and above the before-named two thousand acres shall revert to the original donor, grantor, devisor or their heirs.

SECTION V. The treasurer of the institution and all other agents when required, before entering upon the duties of their appointment, shall give bond for the security of the corporation in such penal sums, and with such securities as the corporation shall approve, and all process against the corporation shall be by summons, and the service of the same shall be by leaving an attested copy thereof with the treasurer at least sixty days before the return day thereof.

SECTION VI. The corporation shall have power to employ and appoint a President or Principal for said institution, and all such professors or teachers and all such servants as may be necessary, and shall have power to displace any or such of them as the interest of the institution may require, to fill vacancies which may happen by death, resignation, or otherwise, among said officers and servants, and to prescribe and direct the course of studies to be pursued in said institution.

SECTION VII. The corporation shall have power to establish departments for the study of any and all the learned and liberal professions in the same, to confer the degree of doctor in the learned arts and sciences and *belles-lettres*, and to confer such other academical degrees as are usually conferred by the most learned institutions.

SECTION VIII. Said corporation shall have power to institute a board of competent persons, always including the faculty, who shall examine such individuals as may apply, and, if such applicants are found to possess such knowledge pursued in said institution as in the judgment of said board renders them worthy, they may be considered graduates in course, and shall be entitled to diplomas accordingly on paying such fee as the corporation shall affix, which fee, however, shall in no case exceed the tuition bills of the full course of studies in said institution; said examination board may not exceed the number of ten, three of whom may transact business, provided one be of the faculty.

SECTION IX. Should the corporation at any time act contrary to the provisions of this charter, or fail to comply with the same, upon complaint being made to the Circuit Court of Cook County, a *scire facias* shall issue, and the circuit attorney shall prosecute in behalf of the people of this state for forfeiture of this charter.

This act shall be a public act, and shall be construed liberally in all courts, for the purposes herein expressed.

This charter thus granted was amended by an act approved February 14, 1855, which read as follows:

SECTION I. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That John L. Smith, Aaron Wood, Luther Taylor and Wm. Graham, and such other persons as shall be elected to succeed them by the Northwestern Indiana Conference of the Methodist Episcopal Church, be, and they are hereby, constituted members of the Board of Trustees of the Northwestern University.

SECTION II. No spirituous, vinous, or fermented liquors shall be sold, under license or otherwise, within four miles of the location of said University, except for medicinal, mechanical and sacramental purposes, under penalty of twenty-five dollars for each offense, to be recovered before any Justice of the Peace of said County of Cook: *Provided*, that so much of this act as relates to the sale of intoxicating drinks within four miles may be repealed by the General Assembly whenever they may think proper.

SECTION III. The said incorporation shall have power to take, hold, use and manage, lease and dispose of all such property as may in any manner come to said corporation charged with any trust or trusts, in conformity with such trusts and directions, and to execute all such trusts as may be confided to it.

SECTION IV. That all property of whatever kind or description, belonging to or owned by said corporation, shall be forever free from taxation for any and all purposes.

SECTION V. This act shall be public, and take effect from and after its passage.

The charter was again amended by an act approved February 16, 1861, which reads as follows:

SECTION I. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That the annual conferences of the Methodist Episcopal Church, which now are or may hereafter be authorized to elect or appoint Trustees of said University, shall hereafter elect only two Trustees each, who shall also be and perform the duties of the visitors to said institution, and the place of the two Trustees last appointed by each conference is hereby vacated. The Trustees elected by such conferences shall hereafter hold their office for two years, and until their successors are chosen, the term of one elected by each of them expiring annually. In case any conference having authority to elect Trustees shall now or hereafter be

CIRCULAR

The Northwestern University will be glad to furnish information concerning the preparation of any of its graduates for general or special work as teachers. A description will be given of the course pursued by the student, the time given to each subject, the professors under whom it was taken, and the quality of the work. Any school official should send a copy of the latest circular or catalogue, state the approximate salary, and define the work required. Address the Professor of Pedagogics, H. F. Fisk, Evanston, Ill.

School officials seeking instructors are requested to fill the following blanks and return this paper. Nominations will be made if possible.

1. Name of Institution:
2. Name and address of Principal, with his academic degrees:
3. Subjects to be taught:
4. Amount of work:
   (a) In teaching
   (b) In other duties
5. Denominational affiliations desired, if any:
6. Salary:
7. Remarks:

Signed, _____

P. O. Address, _____

Date, _____

divided into two or more annual conferences, they shall each have authority to elect Trustees. On the request of the Board of Trustees, made at a regular meeting, any such annual conference may elect Trustees as herein provided.

SECTION II. Any annual conference electing Trustees as herein provided, having at any time refused to elect successors thereto, or resolving to discontinue or refuse its patronage to said institution, shall authorize the Board of Trustees, by a vote of the majority thereof at any regular meeting, to declare vacant the place of all Trustees appointed by such conference, and its right to appoint Trustees shall thereupon cease.

SECTION III. Any chartered institution of learning may become a department of this University by agreement between the Boards of Trustees of the two institutions.

SECTION IV. This act shall take effect and be in force from and after its passage.

A third amendment was made by an act approved February 23, 1867, which reads as follows:

SECTION I. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That the name of that Corporation created by act of the General Assembly of the State of Illinois, approved on the 28th day of January, A.D. 1851, under the name of the "Trustees of the Northwestern University," be and the same is hereby changed to "Northwestern University," and by that name shall hereafter be known, and in and by such name shall have and exercise all the powers and immunities conferred on said corporation by said act of incorporation, and all acts amendatory thereof.

SECTION II. In addition to the number of Trustees heretofore provided for by law, the Board may elect any number, not exceeding twenty-four, and without reference to their several places of residence; and a majority of the whole Board shall be members of the Methodist Episcopal Church.

SECTION III. No greater number shall be required to constitute a quorum than has been heretofore required by law: *Provided*, that in all called meetings of the Board the object of the meeting shall be particularly specified in the notice to be previously given to each Trustee.

SECTION IV. This act shall be a public act, and in force from and after its passage.

UNIVERSITY STATUTES.

The following statutes have been adopted by the Trustees:

PRESIDENT. The President of the University shall be the head of the educational departments of the University, and of each of them.

He shall see that all the rules and regulations prescribed by the Board of Trustees or the Executive Committee for the government of the University are faithfully observed. He shall exercise such general executive powers as are necessary to the good government of the University and the protection of its interests, and which are not otherwise provided for.

It shall be his duty to nominate to the Board officers of instruction, except as otherwise provided, and to see that all officers of instruction are doing a proper amount and a satisfactory quality of work.

He shall prepare an annual report on the condition and needs of the University, shall cause the same to be printed, and shall send a copy to each member of the Board prior to its annual meeting.

He shall be, whenever present, the presiding officer of the Faculty of any College or School of the University. He shall have the right of a deciding vote in case of a tie. He shall appoint all committees provided for by the Faculty, unless otherwise ordered, and shall call extra meetings of any Faculty, whenever, in his judgment, such meetings may be called for by the welfare of the University.

OFFICERS. The officers of instruction in the University shall have designation and preference as follows:

1. Professors.
2. Acting Professors.
3. Associate Professors.
4. Assistant Professors.
5. Instructors.
6. Tutors.
7. Lecturers.
8. Such other subordinate officers as may be from time to time appointed.

FACULTIES. The Faculty of any College or School shall be constituted of officers of instruction who are above the rank of Tutor.

Each department of study shall be under the supervision of a Professor or Acting Professor, who shall be the head of the department, and who, subject to the direction of the Faculty, shall have final decision in all matters relating to the work of the department.

In case there shall be two or more officers having the rank of Professor in any department, the one first appointed shall have precedence.

Each Faculty shall have power to determine the requirements for the admission of students to such departments of the University as are under its jurisdiction; to prescribe and define the various courses of study for undergraduate and graduate students; to determine, subject to revision by the Board of Trustees, the requirements for such degrees as are offered to students under its jurisdiction; to enact and enforce such rules for the guidance and government of its own students as it may deem best adapted to the interests of the University.

There shall be elected by the Board of Trustees or the Executive Committee a Dean of each School or College, whose duty it shall be to preside at all meetings of the Faculty of such School or College in the absence of the President of the University. He shall annually submit to the President of the University, not later than June 1, a report of the work of the School or College to which he belongs, with such recommendations as he may deem advisable, and the reports so made may be made a part of the President's annual report to the Board of Trustees.

Each Faculty may present at any meeting of the Board or of the Executive Committee a report of any matters concerning the interests of its School or College, which report shall be transmitted through the President of the University.

No officer in the University shall absent himself from the discharge of his proper duties in the University longer than three college days at any one time without securing the previous consent of the President of the University or of the Dean of the School to which said officer of instruction belongs; but this rule shall not be applied in case of absence occasioned by sickness, or death of relatives.

A Committee for the Regulation of Athletic Sports shall hereafter be annually appointed and chosen as follows: Three members of the University Faculties and three alumni of the University, these six to be appointed by the Executive Committee, and also three undergraduates, to be chosen during the first week of the College of Liberal Arts year by the Athletic Association. This committee shall have entire supervision and control of all athletic exercises within and without the precincts of the University, subject to the authority of the Faculty of Liberal Arts.

Duties and Discipline of Students. All students are required to obey the rules of the University, to comply with the rules and regulations made by the Faculty of the School or College

to which they belong, and to conduct themselves at all times with decorum and propriety.

Any student who is sent for by the President or any officer of instruction of the Faculty under which he is enrolled shall comply with the call without delay, and students must at all times obey the directions of the President or any officer of instruction in the School or College to which they belong, pertaining to good order in the institution.

A student may be suspended, dismissed, or expelled by a vote of two-thirds of the Professors of the Faculty of the School or College in which he is a member, provided always that, prior to such contemplated suspension, dismission, or expulsion, he be granted the right to a full and impartial hearing before the Faculty, and in all cases of discipline contemplating suspension, dismission, or expulsion the vote shall be by ballot. In the Academy this power of discipline shall belong to the Faculty of Liberal Arts.

Concerted absence from any appointed duty by a class or by any number of students together will be regarded as a violation of good order, and will be followed by suspension, dismission, or expulsion, at the discretion of the Faculty.

When any Faculty shall become satisfied that a student is not fulfilling the purpose of his residence at the University, or is for any cause an unfit member thereof, the President shall notify his parents or guardians, that they may have an opportunity to withdraw him, and if he is not withdrawn within a reasonable time he shall be dismissed.

Students or societies in the University are forbidden to invite any lecturer to address them in public until the name of the proposed lecturer shall have been presented to the President of the University or to the Dean of the School to which such students or societies belong, and his permission to extend the invitation has been obtained.

Publication by any student or students of any paper or production bearing the name of the University, or purporting to issue from it, is forbidden, unless the publication is previously approved by the President.

Women students in the College of Liberal Arts or in the Academy, who are not residents of Evanston, are required to live in Woman's Hall or in the College Cottage, unless special permission shall be granted them to live elsewhere. Application for such permission shall be determined by a committee which shall consist of the President of the University, the Principal of the Academy, the Principal of Woman's Hall, and the Business Agent of the University.

Excursions upon Lake Michigan in steamers or other vessels by bodies of students in departments of the University situated in Evanston, shall not be planned or carried out without the consent of the President or the Executive Committee, which consent shall not be given until all possible precautions for the safety of the excursion party have been taken under the direction of a competent University representative.

The Oxford cap and gown shall be worn as an official dress at Commencement.

Graduation. All degrees in this institution, except honorary degrees, shall be conferred by the Board of Trustees on the recommendation of the proper Faculty; honorary degrees may be conferred upon the recommendation of the University Council.

Prior to the Commencement of any School or College, the Faculty thereof shall report to the Board of Trustees, if that Board is in session, the names in full and the places of residence of all students whom they shall recommend for degrees, whereupon the Board shall, in its discretion, pass a resolution to confer the same. In case the Board shall not be in session, the Faculty shall report the names as aforesaid to the Executive Committee of the Board of Trustees, who shall recommend that the President confer the degrees and report the same to the Board of Trustees for its approval.

For the recommendation of students to degrees by the different Faculties, all votes shall be by ballot. All candidates for degrees, except honorary degrees, shall be personally present at Commencement exercises, unless the Board or Executive Committee, on the recommendation of the appropriate Faculty, shall deem it proper to confer the degree in the absence of the candidate; and the candidate shall perform such public duties on Commencement day as the Faculty may designate.

The name of no person shall be presented for a degree till all his dues to the University are paid. No fee shall be charged for an honorary degree.

All degrees shall be conferred by the President on the authority of the Board of Trustees.

No duplicate diplomas shall be granted to graduates of the University without such proof of the loss of the original by affidavit or otherwise as shall be satisfactory to the Executive Committee.

The University Council. The President of the University, together with the Dean of each Faculty, and another member thereof elected annually by the Faculty, shall constitute the University Council.

The University Council shall meet on the day preceding the

annual meeting of the Board of Trustees, and at such other times as the President of the University may designate.

The University Council may consider such matters as pertain to the interests of the University as a whole, and may make recommendations concerning the same to the Board of Trustees.

The University Council may recommend to the Board of Trustees the person or persons upon whom they think it desirable that honorary degrees should be conferred.

COLLEGE OF LIBERAL ARTS.

HENRY WADE ROGERS, LL.D., PRESIDENT.

DANIEL BONBRIGHT, LL.D., *John Evans Professor of Latin Language and Literature.*

OLIVER MARCY, LL.D., *William Deering Professor of Geology.*

HERBERT FRANKLIN FISK, A.M., D.D., *Professor of Pedagogics.*

ROBERT MCLEAN CUMNOCK, A.M., *Professor of Rhetoric and Elocution.*

ROBERT BAIRD, A.M., *Professor of Greek.*

CHARLES WILLIAM PEARSON, A.M., *Professor of English Literature.*

ROBERT DICKINSON SHEPPARD, A.M., D.D., *Professor of English and American History.*

ABRAM VAN EPS YOUNG, PH.B., *Professor of Chemistry.*

GEORGE WASHINGTON HOUGH, LL.D., *Professor of Astronomy and Director of Dearborn Observatory.*

*JAMES TAFT HATFIELD, PH.D., *Professor of German Language and Literature.*

CHARLES BEACH ATWELL, PH.M., *Registrar, Professor of Botany.*

HENRY CREW, PH.D., *Professor of Physics.*

J. SCOTT CLARK, A.M., *Professor of English Language.*

JOHN HENRY GRAY, PH.D., *Professor of Political Science.*

PETER CHRISTIAN LUTKIN, A. G. O., *Professor of Music.*

GEORGE ALBERT COE, PH.D., *Secretary. John Evans Professor of Moral and Intellectual Philosophy.*

EMILY FRANCES WHEELER, A.M., *Professor of Romance Languages.*

CHARLES HORSWELL, PH.D., *Professor of the Hebrew Language and Literature.*

ALJA ROBINSON CROOK, PH.D., *Professor of Mineralogy and Petrology.*

HENRY SEELY WHITE, PH.D., *Noyes Professor of Pure Mathematics.*

THOMAS FRANKLIN HOLGATE, PH.D., *Professor of Applied Mathematics.*

HENRY CLAY STANCLIFT, PH.D., *Acting Professor of the History of Continental Europe.*

WILLIAM CALDWELL, SC.D., *Professor of Moral and Social Philosophy.*

WILLIAM ALBERT LOCY, PH.D., *Professor of Zoölogy.*

CHARLES JOSEPH LITTLE, D.D., LL.D., *Professor of Church History.*

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*Absent for the year 1896–97.

CHARLES FREDERICK BRADLEY, A.M., D.D., *Professor of New Testament Greek.*

EMILY HUNTINGTON MILLER, A.M., *Principal of Woman's Hall and Lecturer on English Literature.*

GEORGE OLIVER CURME, A.M., *Acting Professor of German.*

HENRY COHN, A.M., *Assistant Professor of German.*

ALBERT ERICSON, A.M., *Instructor in the Swedish Language.*

NELS EDWARD SIMONSEN, A.M., D.D., *Instructor in Norwegian and Danish Languages.*

ARTHUR HERBERT WILDE, A.B., B.D., *Instructor in History.*

MARY L. FREEMAN, A.M., *Instructor in French.*

EDWARD AMBROSE BECHTEL, A. B., *Instructor in Latin.*

CHARLES WALDO FOREMAN, M.S., *Instructor in German.*

JOHN ADAMS SCOTT, A.M., *Instructor in Greek.*

MAURICE ALPHEUS BIGELOW, B.S., *Instructor in Zoölogy.*

HERBERT GOVERT KEPPEL, A.M., *Instructor in Mathematics.*

MILTON SPENCER TERRY, D.D., LL.D., *Lecturer on the Bible.*

WILLIAM ABBOTT PHILLIPS, PH.B., M.D., *Lecturer on Comparative Anatomy.*

* OLIN HANSON BASQUIN, M.A., *Assistant in Physics.*

OTTO SWEZEY, A.B., *Assistant in Zoölogy.*

VERNON JAMES HALL, B.S., PH.D., *Assistant in Chemistry.*

STANDING COMMITTES.

Joint Committee on College Ethics:—The PRESIDENT, Professors MARCY, BONBRIGHT, FISK, BAIRD.

Board of Examiners:—Professors WHITE, BONBRIGHT, BAIRD, CREW, WHEELER, LOCY.

Graduate Study:—Professors BONBRIGHT, CREW, COE.

Undergraduate Study:—Professors YOUNG, HOLGATE, LOCY.

Special Students:—Professors HOLGATE, PEARSON, GRAY.

Academy:—Professors FISK, MARCY, CLARK.

Advanced Standing:—Professors LOCY, BAIRD, CLARK.

Accredited Schools:—Professors WHITE, ATWELL, STANCLIFT.

Registration:—Professors ATWELL, BAIRD, WHEELER.

Admission Requirements:—Professors PEARSON, HOUGH, CROOK.

Library:—Professors BONBRIGHT, YOUNG, LOCY.

Fellowships, Scholarships, and Charitable Funds:—Professors FISK, BAIRD, GRAY.

Regulation of Athletic Sports:—Professors CLARK, YOUNG, WHITE.

Musical Organizations:—Professors LUTKIN, CROOK, CALDWELL.

Chapel:—Professors BAIRD, HOLGATE, CROOK.

Catalogue:—The PRESIDENT, The REGISTRAR, Professor CREW.

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* Resigned.

CONSULTATION HOURS.

The PRESIDENT, Daily, except Saturday, 4 to 5, Room 1, U. H.
The DEAN, - - - - Daily, 2, Room 18, U. H.
The REGISTRAR, Daily, except Saturday, 9 to 10, Room 2, U. H.
Professor BONBRIGHT, Monday, Wednesday, and Thursday, 4 to 5, Room 14, U. H.
Professor FISK, - - - Daily, 11 to 12, Room 1, Academy.
Professor CUMNOCK, Monday and Tuesday, 2, Room 1, Swift Hall.
Professor BAIRD, - Monday and Friday, 4, Room 12, U. H.
Professor PEARSON, - - Daily, 10 to 11, Room 17, U. H.
Professor SHEPPARD, Monday, Wednesday, and Friday, 4, Room 9, U. H.
Professor YOUNG, - - Daily, 11 to 12, Room 21, W. S. H.
Professor HOUGH, Tuesday and Thursday, 3, Room 4, E. S. H.
Professor CURME, Daily, except Monday, 10 to 11, Room 27, Library.
Professor CREW, - - Daily, 9 to 11, Room 10, E. S. H.
Professor CLARK, - - - Daily, 9, Room 17, U. H.
Professor GRAY, Monday, Wednesday, and Friday, 9:15 to 10; Tuesday, 4 to 5, Room 30, Library.
Professor LUTKIN, Monday, Tuesday, Wednesday, and Thursday, 4:30, Music Hall.
Professor COE, Monday, Wednesday, and Friday, 3 to 3:30; Tuesday and Thursday, 2 to 3, Room 29, Library.
Professor WHEELER, Monday and Wednesday, 3 to 4, Room 13, U. H.
Professor HORSWELL, Tuesday and Thursday, 4, Room 10, Memorial Hall.
Professor CROOK, - - Daily, 8 to 10, Room 7, W. S. H.
Professor WHITE, Tuesday and Thursday, 4; Friday, 3:30 to 4, Room 4, U. H.
Professor HOLGATE, Monday, 9:30; Wednesday, 11; Friday, 4, Room 4, U. H.
Professor STANCLIFT, Monday, Wednesday, and Friday, 10 to 10:30 Room 9, U. H.
Professor CALDWELL, Tuesday, Wednesday, and Saturday, 10 to 11, Room 30, Library.
Professor LOCY, Daily, except Monday and Saturday, 9 to 12, Room 25, U. H.
Professor LITTLE, Daily, except Monday and Saturday, 10 A.M., Memorial Hall.
Professor BRADLEY, Monday, Wednesday, and Thursday, 12:15, Memorial Hall.
Assistant Professor COHN, Monday, Wednesday, Thursday, and Friday, 10 to 11, Room 27, Library.

Rev. Albert Ericson, - Daily, 3 to 5, Swedish Seminary.
Rev. Nels Edward Simonsen, - Daily, 10, Memorial Hall.
Mr. Arthur Herbert Wilde, Tuesday and Thursday, 3, Room 11, U. H.
Miss Mary L. Freeman, Tuesday and Thursday, 9 to 10, Room 13, U. H.
Mr. Edward Ambrose Bechtel, Daily, 3 to 3:15, Room 9, U. H.
Mr. Herbert Govert Keppel, - Daily, 1, Room 4, U. H.
Mr. Charles Waldo Foreman, - - Daily, 11, Room B, U. H.
Dr. Milton S. Terry, - Daily, 2 to 4, Room 5, Memorial Hall.

The College of Liberal Arts represents the collegiate side of university work, as distinguished from the work of the professional schools. Its courses of instruction are arranged to meet the wants of students who, having completed the work of an academy or high school, are prepared to take up a systematic or advanced course of study. It is designed to afford such a disciplinary and general education as constitutes a solid foundation for future professional work. It is also intended to provide the liberal culture which is commended as an end in itself to men and women, whatever course in life they may expect to pursue. It offers both undergraduate and graduate courses of instruction.

Special students who wish to pursue selected studies without reference to the attainment of a degree are also admitted on conditions hereafter to be stated.

CANDIDATES FOR ADMISSION.

Candidates for admission must be at least sixteen years of age, and must present to the Registrar satisfactory evidence of good moral character, together with credentials from their last instructors, or from the institution in which they were prepared. They must pay the matriculation fee before taking the entrance examinations.

ADMISSION OF CANDIDATES FOR A DEGREE.

Candidates for admission who expect to apply for a bachelor's degree must show satisfactory evidence of preparation in the following subjects, either by passing examination or by certificate from an accredited school.

The alternative of presenting a certificate or passing an examination is offered in all studies except English. This exception is made because of the paramount importance of a thorough mastery of the chief medium of instruction, and also because of the comparative neglect of the mother tongue in some schools, it being often erroneously assumed that a sufficient knowledge of English will be easily and incidentally acquired. Accordingly, after October 1, 1897, no certificate will be accepted from any candidate in place of an examination in the English language.

For the Degree of Bachelor of Arts.

(The letters and numbers refer to the groups of subjects, pp. 50–54.)

All the subjects included in Group A; one subject from Group B, which must be either 11, 12 or 13; six subjects of C, including 23, 24, 25 and 26, and either 21 and 22, or 27 and 28, or 27 and 29, or 29 and 30.

For the Degree of Bachelor of Philosophy.

All the subjects included in Group A; one subject from Group B, which must be either 11, 12, or 13; six subjects from Group C.

For the Degree of Bachelor of Science.

All the subjects included in Group A; four subjects from Group B (including 17); three subjects from Group C; two subjects from D; one additional subject from C may be substituted for one of D.

For the Degree of Bachelor of Letters.

All the subjects included in Group A; four subjects from Group B (including 18); four subjects from Group C; one from Group D; one additional from C may be substituted for the one from D.

SUBJECTS REQUIRED FOR ADMISSION.

Group A.

1. *English Language*—Candidates will be expected to show, by an original composition on some simple subject, prescribed at the time, a fair knowledge of grammatical construction and of good literary form. Stress is laid upon spelling, etymology, definition, capitalization, punctuation, paragraphing, italicizing, and the use of quotation marks. The candidate's knowledge of form will also be tested by assigning to him a selection from some well-edited paper or magazine, and asking him to give a clear reason for the use of every capital, punctuation mark, etc., found in that section. *Time requirement, two hours a week throughout one year.*

2. *English Literature*—The candidate is expected to read intelligently all the books prescribed below. He should read them as he reads other books; he is not expected to know them minutely, but to have them freshly in mind, and be able to write an essay showing familiarity with the plot, incidents, and characters of each work.

For 1897 the works are: Shakespeare's Merchant of Venice and As You Like It; Defoe's History of the Plague in London; Irving's Tales of a Traveller; Hawthorne's Twice-Told Tales; Longfellow's Evangeline; George Eliot's Silas Marner; Burke's Conciliation with America; Scott's Marmion; Macaulay's Life of Samuel Johnson.

For 1898 the works are: Milton's Paradise Lost, Books I and II; Pope's Iliad, Books I, VI, XXII and XXIV; The Sir Roger de Coverley Papers in the Spectator; Goldsmith's Vicar of Wakefield; Coleridge's Ancient Mariner; Southey's Life of Nelson; Carlyle's Essay on Burns; Lowell's Vision of Sir Launfal; Hawthorne's House of the Seven Gables; Shakespeare's Macbeth; Burke's Conciliation with America; De Quincey's Flight of a Tartar Tribe; Tennyson's Princess.

For 1899 the works are: Dryden's Palamon and Arcite; Pope's Iliad, Books I, VI, XXII, XXIV; The Sir Roger de Coverley Papers in the Spectator; Goldsmith's Vicar of Wakefield; Coleridge's Ancient Mariner; De Quincey's Flight of a Tartar Tribe; Cooper's Last of the Mohicans; Lowell's Vision of Sir Launfal; Hawthorne's House of the Seven Gables; Shakespeare's Macbeth; Milton's Paradise Lost, Books I and II; Burke's Conciliation with America; Carlyle's Essay on Burns.

For 1900 the works are: Dryden's Palamon and Arcite; Pope's Iliad, Books I, VI, XXII, XXIV; The Sir Roger de Coverley Papers in the Spectator; Goldsmith's Vicar of Wakefield; Scott's Ivanhoe; De Quincey's Flight of a Tartar Tribe; Cooper's Last of the Mohi-

cans; Tennyson's Princess; Lowell's Vision of Sir Launfal; Shakespeare's Macbeth; Milton's Paradise Lost, Books I and II; Burke's Conciliation with America ; Macaulay's Essays on Milton and on Addison. *Time requirement, five hours a week for two years.*

3. *Mathematics*—Wentworth's School Algebra or Wells' Academic Algebra, through Radicals and Quadratics or an equivalent; Plane and Solid Geometry. *Time requirement, five hours a week for two years.*

4. *Human Anatomy and Physiology* — Martin's Human Body (Briefer Course). *Time requirement, five hours a week, one-third of a year.*

5. *Geography* — Maury's Physical Geography. The candidate must be able to draw an outline map of any country or state, and locate therein the principal towns, rivers, and mountains. *Time requirement, five hours a week, one-third of a year.*

6. *History*—(*a*) Smith's Smaller History of Greece, or an equivalent; Allen's History of Rome, or an equivalent; or (*b*) General History, Myers, or an equivalent. *Time requirement in each, five hours a week, two-thirds of a year.*

7. *History of the United States* -- Johnston's or an equivalent. *Time requirement, five hours a week, one-third of a year.*

Group B.

The time requirement for each subject in this group is five hours a week, one-third of a year.

11. *Botany*—A practical knowledge of the general facts of vegetable morphology, physiology and classification, such a course as is outlined in Bergen's Elements of Botany or Boyer's Elementary Biology, Part II. Laboratory drawings and notes must be presented.

12. *Zoölogy* — A study of various animal types founded upon laboratory work such as that prescribed in Part I, Boyer's Elementary Biology. Laboratory notes and drawings must be presented.

13. *Physics*—Gage's Elements, first two chapters or an equivalent.

14. *Astronomy*—Young's Elements.

15. *Geology*—Le Conte's Elements.

16. *Chemistry*—Remsen's Elementary Course, or an equivalent. It is urgently recommended that laboratory work by the student accompany this study. The laboratory note-books must be presented by the candidate with his credentials.

17. *Drawing*—Elements of Free-Hand and Geometrical Drawing; such a knowledge of the subject as may be gained by practice under instruction one hour and a half a week through one year.

18. *History of England*—Montgomery's, or an equivalent.

19. *Civil Government*—Fiske's, or an equivalent.

Group C.

21. *Greek*—(*a*) Grammar, White's Beginner's Greek Book, or an equivalent; Xenophon's Anabasis, first book; Jones' Greek Composition, lessons 1–10, or the first book in Woodruff's Greek Prose Composition. *Time requirement, five hours a week throughout one year.*

22. *Greek* (*b*) Xenophon's Anabasis, books second, third and fourth, or an equivalent of Xenophon's Hellenica; Homer, the Odyssey or Iliad, 1,800 lines; Greek Composition, Jones's Lessons, 11–40, or an equivalent in Woodruff's Greek Prose Composition. *Time requirement, five hours a week throughout one year.*

23. *Latin* (*a*) Grammar; Cæsar's Gallic War, ten pages, or twenty pages of Viri Romæ, with re-translation of English into Latin. *Time requirement, five hours a week throughout one year.*

24. *Latin* (*b*) Cæsar's Gallic War, four books completed; or Viri Romæ, completed; Latin Composition. *Time requirement, five hours a week throughout one year.*

25. *Latin* (*c*) Cicero, six orations, including the Manilian Law; Latin Composition. *Time requirement, five hours a week throughout one year.*

26. *Latin* (*d*) Vergil, eight books of the Æneid, or six books of the Æneid and the Bucolics. *Time requirement, five hours a week throughout one year.*

27. *French* (*a*) Grammar (Whitney or Edgren); Grandgent's Composition, one book; selections of modern prose and poetry, not less in quantity than four hundred and fifty pages. From students offering no composition work, more reading will be required. A thorough knowledge of irregular verbs, rules of past participle, etc., is expected; also the ability to translate simple spoken French phrases and to translate at sight ordinary prose. As far as possible the reading should be complete works, not short selections, and one modern comedy should be read. *Two years of high school work will usually be required for this course.*

28. *French* (*b*) includes: Proficiency in advanced grammar, use of moods and tenses, government of infinitives and ordinary idioms; Composition (Grandgent, Parts III, IV, and V, or an equivalent); reading of not less than 1,200 duodecimo pages of at least five standard authors; ability to understand questions and phrases in French, and to take grammatical dictations. *Time requirement, five hours a week throughout one year.*

29. *German* (*a*) Elementary Grammar, especially declension of articles and ordinary nouns and pronouns, use of the strong and weak adjective, the old and new verbs, separable and inseparable prefixes, the use of common prepositions, the inverted and transposed

sentence-order. For this work, Otis's Elementary German, Part I, contains sufficient material. Practice in writing German sentences should accompany the course throughout.

The reading of at least two hundred pages of material of a narrative or epic nature. Good material is offered by Brandt's or Joynes's Reader, Grimm's or Andersen's Märchen, Uhland's Ballads, or Niebuhr's Heroen-Geschichten.

30. *German* (*b*) Advanced Grammar, especially the syntax of cases, the special uses of modal and other auxiliaries, uses of the subjunctive, complex sentence-construction, word-formation. The systematic writing of connected German narrative prose should have given the ability to write simple German. In addition to the requirement under (*a*) should be read at least five hundred pages of material which appeals to the historic and dramatic sense, as well as to a feeling for rhythm and poetical form. Recommended are: The less difficult standard dramas, as Minna von Barnhelm, Tell, or Marie Stuart; Riehl's Novellen; Freytag's Soll und Haben (abridged); Goethe's Hermann und Dorothea, and the easier lyrics of such poets as Goethe, Schiller, Geibel, Heine, Rückert and Platen.

Courses (*a*) *and* (*b*) *together will usually be done best by high schools in three years.*

Group D.

The time requirement for each subject in this group is five hours a week for one year.

31. *Mathematics*—Includes: Algebra, as much as is contained in Wentworth's College Algebra, chapters 16–27, inclusive, and chapter 29; Plane and Spherical Trigonometry, Wentworth's, or an equivalent.

32. *Physics*—Gage's Elementary Physics or Carhart and Chute's Elements of Physics entire, or an equivalent.

33. *Dynamics*—Lodge's Elementary Mechanics, or an equivalent. Instruction in this subject must have been accompanied by experimental work.

Note.—Students are earnestly recommended not to attempt to cover the whole field of Physics, but to offer more thorough preparation in Dynamics, including Pneumatics, Hydrostatics, and Water Waves.

Students thus prepared will, on entrance at College, be able to go ahead with the subject of Physics, as they are with Latin, Greek, or Mathematics. Those, however, who have covered the whole ground of Physics find it, in general, necessary to retrace their steps if the study is taken up again at college.

34. *General Chemistry and the introduction to Qualitative Analysis*—The first part of this requirement would be met by the first ten chapters of Cooke's New Chemistry, with the Laboratory Practice by the same author, or by Remsen's Briefer Course, or by Sheppard's Elements. The second part would require the analysis of five mixtures, involving third, fourth, and fifth group metals (Prescott and

Johnson). Laboratory work with the candidate's original note-book will be essential in meeting this requirement, which is made equivalent to Chemistry A in college, and thus qualifies the student to take Chemistry B.

35. *Biology*—One year's study of typical animals and plants by laboratory methods covering the facts of morphology and physiology. This requirement may be met by a course such as that laid down in Boyer's Elementary Biology, or in Colton's Practical Zoölogy, and Bergen's Elements of Botany. Laboratory notes and drawings must be presented.

EXAMINATION FOR ADMISSION.

The regular days of examination for admission to the College of Liberal Arts are the Monday and Tuesday next before Commencement, and the Monday and Tuesday next before the opening of the college year. The first regular examination for the year 1897 will be held on June 14 and 15, and the second on September 13 and 14. Candidates may be examined and admitted at other times, if prepared to enter classes at an advanced point in the regular courses; they are advised, however, to enter at the beginning of a year.

Upon the dates above named, examinations will be held in the following order in Room 10, University Hall.

Plan for Entrance Examinations, 1897.

MONDAY, JUNE 14 AND SEPT. 13.

8 A.M., Subjects 12, 18, 19, 21, 22, 27, 28.
10 A.M., Subjects 14, 15, 23, 24, 31, 33.
2 P.M., Subject 4.
3 P.M., Subject 5.
4 P.M., Subjects 13, 35, 16.

TUESDAY, JUNE 15 AND SEPT. 14.

8 A.M., Subject 3.
10 A.M., Subjects 6, 29.
11 A.M., Subjects 11, 25, 26, 30, 34, 35.
2 P.M., Subject 1.
3 P.M., Subject 2.
4 P.M., Subject 7.

Examinations for admission are held in Evanston at the times above named. By special arrangement with the President, examinations may also be held at St. Paul, Minnesota;

Denver, Colorado; Omaha, Nebraska; St. Louis, Missouri; Cincinnati, Ohio; Detroit, Michigan; Portland, Oregon; and San Francisco, California. But in all such cases application must be made to the President prior to June 1st.

CERTIFICATES.

Candidates for admission are required to bring from their teachers certificates giving in detail the amount and grade of their preparatory work, but such certificates will not be accepted for studies pursued in college. Blanks of the proper form should be obtained from the University by application to the Registrar.

ADMISSION FROM ACCREDITED SCHOOLS.

Students who come from an accredited academy or high school may be admitted on certificate without examination, provided they present themselves for admission not later than a year and three months after their graduation. Any student applying for admission without examination must present to the Board of Examiners a certificate from the principal or school superintendent, recommending him for admission to the University. This certificate must show the studies pursued in the school, the time spent in each, the text-book or manual used, the extent of work covered, the grade of the student's work, and the date (approximate) of the final examination. It will be most convenient to use for this certificate a blank form furnished by the University, as mentioned above.

It should be clearly understood that students are admitted on certificate from accredited schools upon this condition, that *if the work of the student in his first term shall prove unsatisfactory he may be required to enter a fitting school and review his preparation in the study in which the failure has occurred.*

ACCREDITED SCHOOLS.

School-boards desiring to have their schools placed on the accredited list should make application to the President of the University, who will provide, if practicable, for a proper

inspection by committee. The following information will be expected in the letter of application:

a. The names of all the teachers, with a statement both of their preparation for teaching and of their experience in that work.

b. The latest printed catalogue or annual report of the school, containing an outline of the course of study and text-books used.

c. A careful statement of the methods pursued in teaching Mathematics, Language, and the Sciences.

d. The amount and kind of scientific apparatus and the extent of library facilities accessible to students.

The committee of inspection will ordinarily consist of members of the Faculty, but, in cases where the school is so distant from the seat of the University as to make this impracticable, other persons may be appointed to perform the work of inspection under the direction of the Faculty. The traveling expenses of the committee of inspection are borne by the school or schools visited.

The schools which are approved by the Faculty after inspection will be placed on the accredited list, and the relation thus established will continue for three years, unless the Faculty within this period becomes satisfied that such changes have occurred as make further inspection desirable.

The following schools are now on the accredited list:

SCHOOL.	PRINCIPAL.
Aurora, High School, East,	W. J. Pringle.
Aurora, High School, West,	Miss Kate Reynolds.
Austin, High School,	B. F. Buck.
Beloit, Wis., Academy,	Rev. A. W. Burr, M.A.
Beloit, Wis., High School,	A. R. Whitson, B.S.
Belvidere, North Side High School,	H. A. Warren.
Belvidere, South Side High School,	R. V. De Groff.
Chicago, Allen Academy,	Ira W. Allen, A.M., LL.D.
Chicago, Englewood High School,	J. E. Armstrong.
Chicago, Harvard School,	J. J. Schobinger.
Chicago, Hyde Park High School,	Chas. W. French.
Chicago, Jefferson High School,	Chas. A. Cook.
Chicago, Lake High School,	E. F. Stearns.
Chicago, Lake View High School,	Jas. H. Norton.
Chicago, North Div. High School,	O. S. Westcott.
Chicago, Northwest Div. High School,	Franklin P. Fisk.

SCHOOL.	PRINCIPAL.
Chicago, West. Div. High School,	Geo. M. Clayberg.
Chicago, South Div. High School,	Jeremiah Slocum.
Chicago, South Side Academy,	Edward O. Sisson, A.B.
Clinton, Ia., High School,	Miss Julia A. Sweet.
Crown Point, Ind., High School,	G. Voorhees.
Des Moines, Ia., High School,	Frank E. Plummer.
Decatur, High School,	Louis B. Lee.
Evanston, Township High School,	H. L. Boltwood, A.M.
Evanston, University Academy,	Rev. H. F. Fisk, A.M., D.D.
Elgin, Academy,	A. G. Welch, A.M.
Elgin, High School,	Walter W. Lewis.
Freeport, High School,	J. E. McGilvery.
Fond du Lac, Wis., High School,	Edward McLaughlin.
Geneseo, High School,	Miss Ada Schnabele.
Harvey, High School,	J. E. Cable.
Indianapolis, Ind., High Schools,	Geo. W. Hufford, Chas. E. Emmerich.
Joliet, High School,	J. Stanley Brown.
Kansas City, Mo., High School,	Jno. T. Buchanan.
Keokuk, Ia., High School,	G. E. Manhall.
Kewanee, High School,	H. S. Latham.
Kidder, Mo., Kidder Institute,	G. W. Shaw, M.A.
Lake Geneva, Wis., High School,	A. F. Bartlett.
Marengo High School,	C. W. Hart.
Maryville, Mo., Maryville Seminary,	Geo. E. Moore, A.M.
Milwaukee, Wis., Academy,	Julius H. Pratt, Ph.D.
Milwaukee, Wis., High Schools,	Supt. H. O. R. Siefert.
Minneapolis, Minn., High School,	J. N. Greer.
Muscatine, Ia., High School,	E. F. Schall.
Moline High School,	F. A. Manny.
Oak Park, High School,	D. O. Barto.
Orchard Lake, Mich., Military Academy,	Wm. H. Butts, A.M.
Ottawa, High School,	J. O. Leslie, A.M.
Peoria, High School,	A. W. Beasley.
Princeton, High School,	Richard A. Metcalf, A.M.
Racine, Wis., High School,	A. J. Volland.
Rock Island, High School,	W. N. Halsey.
Rockford College,	Miss Sarah F. Anderson.
Rockford, High School,	B. D. Parker.
Sioux City, Ia., High School,	C. A. Miller.
Springfield, High School,	W. W. Helmle.
Sterling, High School,	Miss Anna Parmelee.
Streator, Township High School,	J. W. Coultas.

SCHOOL.	PRINCIPAL.
Warren, Warren Academy,	Ida M. Gardner, A.M.
Warren, Penn., High School,	W. G. Haupt, A.M.
Waukegan, High School,	F. H. Hall.
Wheaton, High School,	H. O. Staufft.
Whitewater, Wis., High School.	C. H. Sylvester.
Wichita, Kansas, High School,	Frank H. Dyer.

Schools in California, Iowa, Indiana, Kansas, Michigan, Minnesota, and Wisconsin that are on the accredited list of the State Universities of their respective states will be recognized as if accredited by this University.

ADMISSION OF SPECIAL STUDENTS.

Persons desiring to pursue studies in the College of Liberal Arts are, as a rule, required to pass the entrance examinations prescribed for candidates for some one of the degrees, as described on previous pages. But under exceptional circumstances persons of serious purpose who are not candidates for a degree may be admitted as special students and allowed to pursue selected studies. Any one desiring to be so admitted will be furnished by the Registrar with blank forms of application, which must be filled out and presented to the Committee on Special Students, who will decide upon the advisability of granting the application. Such applications must be accompanied by the regular entrance fee and by evidence of sufficient qualification to carry on the proposed work to advantage. The college work of all students so admitted is under the supervision of the Committee on Special Students.

ADMISSION TO ADVANCED STANDING.

Candidates for advanced standing are not admitted later than September of the collegiate year in which they expect to graduate. All students from other colleges must present evidence of honorable dismission, and must give satisfactory proof of preparation for the courses which they desire to enter. The amount of College credit to be obtained by cer-

tificate from another institution is determined by a standing committee of the faculty, but no advanced credit will be given without examination except for work done in an approved college.

No student will be recommended for a Bachelor's degree until satisfactory credit has been obtained for at least one full year of work in residence at this institution.

ADMISSION OF WOMEN.

Women have been admitted to the College of Liberal Arts since 1869 on the same conditions as men. They attend the same classes and receive the same degrees as the men. Women students, however, are required to live either in Woman's Hall or in the College Cottage, unless they obtain permission to live elsewhere. If such permission is desired they must make formal application therefor. Blanks for this purpose can be obtained from the Principal of Woman's Hall, or from the Registrar.

For the purpose of giving Woman's Hall the safeguards of a well-ordered home, and of bringing those residing in it as far as possible under family influence, the authorities of the University have committed the immediate oversight of it to a Principal, who lives at the Hall, associates with the residents, and acts toward them at all times as a friend and adviser. It is intended that the Principal shall always be a woman of high character and attainments, who can give suggestions to the young women as to their general culture, advise them in social matters, and give them, in special cases, such counsel as circumstances may require.

For young women who do not wish to incur the expense incident to living at Woman's Hall, provision is made at what is known as the College Cottage. This is in charge of an association of ladies, incorporated as The Woman's Educational Aid Association, whose duty is to canvass the claims of all applicants for admission, and to have a friendly supervision over them while members of the Cottage family. The ordinary work of the Cottage is done by the young

women under the direction of a competent Matron. In this way the expenses of living are materially reduced.

All women students, wherever they reside, are expected to conform as nearly as possible to the general regulations prescribed for the conduct of those living at Woman's Hall.

NOTE.—For further information respecting Woman's Hall, letters of inquiry should be addressed to Mrs. Emily Huntington Miller, Principal, Evanston, Ill.; and for information respecting the College Cottage, letters should be addressed to Mrs. J. A. Pearsons, President of the Woman's Educational Aid Association, Evanston, Ill.

PROGRAMS OF STUDY.

NOTE.—The annual courses designated by capital letters are hereinafter described. The time assignment is in hours a week for a year (three terms).

As a condition of graduation, the student is required to complete 180 term-hours. Four years will usually be necessary for the satisfactory accomplishment of the work. From the various courses of study offered, the student is permitted to make his elections, subject to certain prescribed programs.

Prescribed courses must take precedence of elective courses, and in the order designated in the programs. Modifications of these programs, desirable because of substitutions allowed in entrance requirements, may be made at the time of registration, but the full amount of required work must be completed before graduation.

The programs of prescribed annual courses leading to the several degrees are as follows:

BACHELOR OF ARTS.

First Year.—Greek A, five hours; Latin A, five hours; Mathematics A, four hours, or AB, five hours; Elocution A, two hours.

Second Year.—Greek B, three hours; Latin B, three hours; Mathematics B, or C, three hours; French AA, five hours, or German AB, four hours (required only of those who entered without credit in French or in German); English Language A, two hours.

Third Year.—English Literature F, one hour.

Fourth Year.—Philosophy B, one hour.

NOTE.—On the completion of the courses Greek A, Latin A, and Mathematics A, or AB, the student may, if he desires, discontinue one of these three subjects and substitute for it elective work of not less than three hours. For those who enter without Greek, courses (*a*) and (*b*) in Greek (p. 52) become prescribed work, to be completed before taking Greek A.

Bachelor of Philosophy.

First Year.—French A, five hours (for those who entered with French (*a*), p. 52), or French B, three hours (for those who entered with both French (*a*) and (*b*) p 52), or German A, five hours (for those who entered with German (*a*), p. 52), or German B, three hours (for those who entered with both German (*a*) and (*b*) p. 53); Latin A or Greek A, five hours; Mathematics A, four hours, or AB, five hours; Elocution A, two hours.

Second Year.—French B, or German B, three hours (according to amount of credit already obtained in French or German); Latin B, or Greek B, three hours; Mathematics, B or C, three hours; French AB, five hours (for those who entered without French), or German AB, four hours (for those who entered without German); English Language A, two hours.

Third Year.—English Literature F, one hour.

Fourth Year.—Philosophy B, one hour.

Note.—On the completion of Greek A or Latin A, and Mathematics A or AB, and French A or German A, the student may, if he desire, discontinue one of these three subjects, and substitute for it elective work of not less than three hours. For those who enter without Greek and desire to elect Greek in the options above indicated, the courses (*a*) and (*b*) in Greek (p. 52) become prescribed work, to be completed before taking Greek A.

Bachelor of Science.

First Year.—French AA, or A, or German AB, four hours, or A, five hours (according to amount of credit already obtained in French and German); Mathematics AB, five hours; Chemistry A, or Zoölogy A, four hours; Elocution A, two hours.

Second Year.—French AA, or A, or German AB, four hours, or A, five hours (according to amount of credit already obtained in French and German); Zoölogy B, two hours; English Language A, two hours.

Third Year.—English Literature F, one hour; Physics A, four hours, or Chemistry A, four hours, or Zoölogy A, four hours (two of these being prescribed in this program).

Fourth Year.—Philosophy B, one hour.

Note.—The completion of courses AA and A, in French, or their equivalent, and of courses AB and A, in German, or their equivalent, either before or after admission to college, is a requirement for this degree.

Bachelor of Letters.

First Year.—French AA, five hours, for those who entered without French, or French A, five hours, for those who entered with French (*a*), or French B, three hours, for those who entered with

French (*a*) and (*b*); German AB, four hours, for those who entered without German (*a*), or German A, five hours, for those who entered with German (*a*), or German B, three hours, for those who entered with German (*a*) and (*b*); Mathematics A, four hours, or AB, five hours; Elocution A, two hours.

Second Year.—French A, five hours, or French B, three hours (according to the amount of credit in French already obtained); German A, five hours, or German B, three hours (according to the amount of credit in German already obtained); English Literature A, five hours; English Language A, two hours.

Third Year.—English Language B, two hours.

Fourth Year.—Philosophy B, one hour.

NOTE.—The completion of courses AA, and A, and B, or their equivalent, in French; and of courses AB, and A, and B, or their equivalent, in German, either in preparation or in college, is a requirement for this degree.

COURSES OF INSTRUCTION.

EXPLANATORY NOTE.—Year-courses, *i.e.*, courses continuous through the three terms of the year, are designated by capital letters. Arabic numerals are inserted for convenience of reference, one unit being allowed for each of the three terms in the college year.

ASTRONOMY AND METEOROLOGY.

A—1. Young's General Astronomy.
3. Meteorology.
Tuesday, Thursday, 2. Two hours. Professor HOUGH.

THE BIBLE.

A—1. The Old Testament Canon; ancient and modern versions of the Bible. Lectures.
2. Critical study and analysis of the most important Books of the Old Testament. Lectures.
3. Introduction to and critical study of the New Testament. Lectures.
Wednesday, 4. One hour. Professor TERRY.

B—4. Expository lectures upon selected Prophetical Books of the Old Testament.
5. Expository lectures upon selected Psalms and Epistles.
6. Expository lectures upon the Revelation of John.
Monday, 4. One hour. Professor TERRY.
These courses are given in alternate years, but were omitted in 1896–97.

BOTANY.

A—1. An introductory course, which consists of individual investigation of the morphology and life-cycles of typical plants selected from seven of the more important natural groups. Plant-Dissection, by Arthur, Barnes, and Coulter, is used as a laboratory guide.

3. The third term will be devoted to experimental work in plant physiology. MacDougal's Plant Physiology is the text used.

Monday, Friday, 2-4; Wednesday, 3. Three hours.

Professor ATWELL.

B—4. Structure and Morphology of Flowering Plants.

6. Systematic Botany. Lectures and field-work. Vine's text-book.

Tuesday, Thursday, 2-4. Two hours.

Professor ATWELL.

C—7. Cryptogams. Structure and Morphology of the Algæ. Laboratory-work and lectures.

8. Structure and Life-history of Fungi. Laboratory-work and lectures.

9. Morphology and Classification of Musci and Filicinæ. Laboratory-work and lectures.

Not given 1896–97.

Monday, Friday, 2–4; Wednesday, 3. Three hours.

Professor ATWELL.

D—10. Bacteria, and Special Problems. The course involves original work. Extra hours at irregular intervals will be necessary.

Tuesday, Thursday, 10–12. Two hours.

Professor ATWELL.

E—13. Botanical Club. Instructors and advanced students will report and discuss important articles in botanical literature.

Wednesday, 4. One hour. Professor ATWELL.

Major work, ten year-hours.

CHEMISTRY.

A—1. General Chemistry, lectures and laboratory work.

2. General Chemistry, continued.

3. Introduction to Qualitative Analysis.

Section I., Tuesday, Wednesday, Thursday, 1:30–4.

Section II., Monday, Friday, 2:30–5, Tuesday and Thursday, 1:30–2:30. Four hours. Professor YOUNG.

B—4. Qualitative Analysis, continued.
5. Organic Chemistry, lectures, text and laboratory-work.
6. Organic Chemistry, continued.
Course B open to those who have completed A.
Monday, Friday, 1:30–4, Wednesday 2–5. Four hours.
Professor YOUNG.

C—7. Quantitative Analysis, Gravimetric and Volumetric.
8. Quantitative Analysis, continued.
9. Quantitative Analysis, continued.
Course C open to those who have completed A.
Tuesday, Thursday, 1:30–4:30, Wednesday, 10–12. Four hours. Professor YOUNG and Dr. HALL.

D—10. Problems in the application of Qualitative and Quantitative Analysis.
Course D open to those who have completed A, B, and C.
Hours to be arranged. Two hours.
Professor YOUNG and Dr. HALL.

E—13. Students in D are offered an additional course of reading on somewhat advanced topics, meeting *two hours a week through the year.* The work has been based on Ostwald's Outlines of General Chemistry.
Professor YOUNG.
Major work: A, B, and C.

COMPARATIVE PHILOLOGY.

A——A course upon the science of Language is given, mainly by lectures, once a week. This is especially recommended to advanced students of language and all who intend to become teachers of language. A broad survey is given of the field of philology and the history of method. The general facts and problems connected with linguistic development are discussed, and especial treatment is made of the structure and evolution of the classic and Germanic groups. For reference the following are recommended: Whitney's Science of Language and his article on Philology in the Encyclopædia Britannica; Strong, Logeman, and Wheeler's History of Language; Henry's Comparative Grammar of English and German; Brugmann's Grundriss; Sievers' Phonetik. Given in alternate years. To be given in 1897–98.
Wednesday, 2. One hour. Professor HATFIELD.

ELOCUTION.

A—1. Russell's Manual of Elocution and Cumnock's Choice Readings are used.
Section I., *Monday, Wednesday, 4.*
Section II., *Tuesday, Thursday, 4.* *Two hours.*
Professor CUMNOCK.

B—4. Study of the Masterpieces of English and American Eloquence (Burke and Webster, Erskine and Everett).
6. Critical examination of the text of Shakespeare and vocal interpretation of the Tragedies of Lear, Hamlet, and Othello.
Section I., *Tuesday, Thursday, 8.*
Section II., *Wednesday, Friday, 8.* *Two hours.*
Professor CUMNOCK.

C—7. Study of the Principles of Vocal Expression, in the reading of the best specimens of English prose and verse. Advanced training in Dramatic and Imaginative Literature. Instruction in creative Gestural Expression.
Monday, Friday, 9. *Two hours.*
Professor CUMNOCK.

D—10. Bible, Hymn, and Liturgic Reading.
Monday, Friday, 11. *Two hours.*
Professor CUMNOCK.

THE ENGLISH LANGUAGE.

So many students, bearing certificates from reputable schools, and fairly well prepared in other subjects, have been found deficient in elementary English that it has become necessary to impose a test on all applicants for admission to any course in this department. This test covers spelling and the essential principles of capitalization and punctuation. Such a test will be given early in the fall term. Failure to pass such a test debars the student concerned from taking work in the department of the English Language till he shall have obtained a fair mastery of elementary English.

The following courses were offered during the college year 1896–97:

A—1. An Elementary Course in Form. Three essays.
2. A Negative Course in Style. Three essays.
3. A Course in Synonyms. Two essays.
Section I., *Monday, Wednesday, 8.*
Section II., *Tuesday, Thursday, 8.*
Section III., *Monday, Friday, 2.* *Two hours.*
Professor CLARK.

B—4. A Course in Paragraphing.
5. The Inductive Study of Prose Masterpieces.
Open to all who have completed Course A. Students are urgently advised to take Course A in English Literature before taking this course. Beginning with the Academic year of 1896–97, Courses B 4 and 5 will be elective for all except candidates for the degree of Bachelor of Letters.
Section I., *Tuesday, 10.*
Section II., *Thursday, 10.*
Section III., *Thursday, 11. Two hours.*
Professor CLARK.

C—7. A Course in Imagery and Versification.
8. The Inductive Study of Poetic Masterpieces.
Open to all who have completed Course A.
Monday, 10. Two hours. Professor CLARK.

D—10. The History and Early Grammar of the English Language.
11. Old English, or Anglo-Saxon.
12. Early and Middle English.
Open to students who have completed Course A and at least one course in German.
Wednesday, Friday, 10. Two hours. Professor CLARK.

E—13. A Course in Forensics.
Elective for all who have completed Course A, but the number admitted is limited to fourteen. In case of an excess of applications, the instructor reserves the right to select according to the records made by the applicants in Course A. A course in Logic (Philosophy A 3) is required as a preliminary to this course.
Tuesday, 3. Two hours. Professor CLARK.

F—16. A Seminary in the Analysis of Style.
Hour to be arranged. *Two hours.* Professor CLARK.

Courses B, 4 and 5 will not be given during 1897–98.

Major work: Courses A, B, C, either D or E, and F.

ENGLISH LITERATURE.

A—1. The History of English Literature from Chaucer to Dryden, 1340–1700. Robertson's History of English Literature.

2. The History of English Literature from Pope to Tennyson, 1688–1892. Robertson's History of English Literature.
3. The History of American Literature. Brander Matthews' American Literature, and White's Philosophy of American Literature.

No one will be admitted who has any deficiency in entrance English.

Monday, 3, Tuesday, Wednesday, Thursday, Friday, 9. Five hours. Professor PEARSON.

B—4. The Early English Drama. The Miracle and Morality plays; interludes; early comedies and tragedies; the immediate predecessors of Shakespeare.

5. Selected historical dramas, comedies, and tragedies of Shakespeare. In addition to the critical examination of six plays, other dramas will be briefly presented with the object of illustrating more fully the changes in Shakespeare's choice of subjects, his literary style, and predominant thought and feeling.
6. Narrative and Epic Poetry. Folk-lore contrasted with literary art. The chief subjects for consideration are the early Scotch and English Ballads, the poetry of Scott, and Paradise Lost.

Given in alternate years, and in 1896–97.

Tuesday, Wednesday, Thursday, Friday, 8. Four hours. Professor PEARSON.

C—7. Pope and his poetic contemporaries and successors. A study of the so-called classic school of poetry.

8. Thomson, Gray, Goldsmith, Cowper, and Burns. The revolt from classicism and the return to nature in poetry.
9. Wordsworth, Byron, and Shelley. The romantic movement in its extreme representatives. Self-assertion in the choice and treatment of subjects and in poetic forms.

Given in alternate years. Omitted in 1896–97.

Monday, Wednesday, Friday, 11. Three hours. Professor PEARSON.

D—10. Tennyson.

11. Robert Browning.
12. Longfellow, Lowell, Whittier, and Emerson.

Given in alternate years, and in 1896–97.

Monday, Wednesday, Friday, 11. Three hours. Professor PEARSON.

E—13. The Essayists. Selected essays will be read from Bacon, Addison, Steele, Johnson, Goldsmith, Irving, Lamb, De Quincey, Macaulay, Carlyle, Ruskin, Matthew Arnold, Lowell, and Emerson. They will be considered rather in reference to their substance (the topics treated, opinions expressed, and the light they throw on contemporary manners and events) than to their style.

15. Novelists of the Nineteenth Century. Scott, Dickens, Thackeray, George Eliot, Hawthorne. Some of the other novelists of the period will be more briefly treated in critiques prepared by members of the class. In these critiques the author's construction of plot, delineation of character, literary style, dominant ideas, and moral tone will be considered. Each critique will be read in class and will be followed by a general discussion.
Given in alternate years. Omitted in 1896–97.
Tuesday, Wednesday, Thursday, Friday, 8. Four hours.
Professor PEARSON.

F—16. Lectures on the History of English and American Literature. A weekly course running through the college year. It is intended as a partial summary of the work of Course A, and is required of all candidates for a degree except those who take Course A. A small amount of collateral reading will be required. Credit for this course will not be given if Course A is also taken.
Monday, 3. One hour. Professor PEARSON.

ENGLISH LITERATURE SINCE 1850.

H—20. The Modern Novel.
21. The Short Story.
22. Some Recent Poets and Essayists.
Tuesday, Thursday, 11. Two hours. MRS. MILLER.
Major work: Eleven year-hours, including Course A or Course F.

PRIMARILY FOR GRADUATES.

G—19. Seminary in English Literature. A critical study of some designated author, period, or subject. Open to graduates of this University who have made English Literature a major study, or to graduates of other colleges who have done an equivalent amount of work in English literature; and to undergraduates who have taken three courses in the department and are approved by the instructor. Those who take the course will be

required to present a thesis embodying the results of their investigation and to pass a written examination. *Hours to be arranged. Three hours.*

Professor PEARSON.

FRENCH.

AA—1. Grammar (Edgren). Reader (Whitney).

2. Grandgent: Composition based on L'Abbé Constantin. Madame Thérèse (E. Chatrian). Moi (Labiche). Dictations.

3. Swiss Travel (Dumas). Mademoiselle de la Sieglière (Sandeau). Le Duc de Beaufort (Dumas). Composition and dictation continued. Designed for all students beginning French in college.
Section I., *daily, 8.*
Section II., *daily, 11.*
Section III., *daily, 2. Each five hours.*

Miss FREEMAN.

A— Modern Literature.

4. Grandgent: Composition, Part III. Advanced Grammar. Reading. On rend l'Argent (Coppée). Tales from Coppée and Maupassant (Cameron). Contes de Daudet (Freeborn). La Chute (Hugo).

5. Grandgent: Composition, Parts IV and V. Reading. Places and Peoples (Luquiens). Prise de la Bastille (Michelet). Le Monde ou l'on s'Ennuie (Pailleron). Private reading: Histoire d'un Paysan.

6. French Lyrics (Bowen). Le Pater (Coppée). Ruy Blas (Hugo). Le Mariage de Gerard (Theuriet). Private reading: Sans Famille (Malot). Dictations. Exercises on Idioms. Essays.
Ten lectures on Modern France (history and literature) in second and third terms.
Open to all who have completed AA. Classical and Philosophical students may elect this as a four-hour course, omitting the Composition. Scientific students may, in the third term, substitute for Lyrics and Drama a special course in scientific reading.
Section I., *daily, 10.*
Section II., *daily, 11. Five hours.*

Professor WHEELER and Miss FREEMAN.

B— Classic Literature.

7. Pylodet; Théâtre Classique; Le Cid, Polyeucte, Athalie. Private reading: Quatre-vingt-treize (Hugo). Grandgent's Composition, Parts IV and V.

8. Development of Comedy; five plays of Molière. Composition, Part VI.

9. Literature de la Renaissance (Aubert). Montaigne on Education. Classic Letters (Walter). Private reading, La Princesse de Clèves (Sledd). Original essays. Lectures. Collateral reading, with notes, from: *La Société Française au 17ième Siècle* (Crane); *Études sur les Classiques* (Merlet, Lintilhac); Jackson's *Old Paris;* Demogeot: *French Literature*; Albert: *Littérature Française au 17ième Siècle.*

Monday, Wednesday, Friday, 9. Three hours.

Professor WHEELER.

C— Literature of the 18th century.

10. Voltaire; Zaire, Mérope, Zadig, Charles XII de Suède, Montesquieu; Grandeur et Décadence des Romains. Lectures.

11. Rousseau, selections; Beaumarchais and Sedaine.

12. Mediæval Literature: Chanson de Roland, La Vie de St. Alexis (Gaston Paris); Extraits des Chroniquers du Moyenâge (Petit de Julleville). Private reading: Aucassin and Nicolette. La Fille de Roland (Bornier). Students are expected to translate from Old French to Modern. Lectures.

Courses C and D given in alternate years. Not given 1896–97.

Tuesday, Thursday, 9. Two hours.

Professor WHEELER.

D—13. Advanced course in Modern Literature. Eugénie Grandet and Contes de Balzac. Le Nabab (Daudet).

14. Origines de la France Contemporaine (Taine). La Débacle (Zola) read privately. (Wells' Ed.)

15. Modern Drama. Representative works of Scribe, Labiche, Dumas, Augier, Dumas fils, Hugo, Coppée, De Banville, etc. Class work and private reading with critiques. Private reading from Pierre Loti (Pêcheur d'Islande, etc.) and from Paul Bourget (Extraits Choisis). With this course collateral reading with notes and abstracts is required from the following works: Wormley's *Balzac.* Pellissier: *Le Mouvement Littéraire du 19ième Siècle.* Brunetiere: *Le Roman Naturaliste.* Parigot: *Le Theatre d'Hier.* Weiss: *Le Theatre et les Moeurs.* Le Maitre: *Les Contemporains.* Wells: *Modern Literature.* Matthews: *French Dramatists.* James: *French*

Poets and Novelists. Saintsbury: *Essays on French Novelists.*
Tuesday, Thursday, 8. Two hours.
Professor WHEELER.

E—16. French Seminary. The topics considered will be closely related to those of Courses C and D; but students will be expected to carry on special studies with prepared papers. For 1896–97 the assigned topics have been The Romantic Movement, George Sand, Hugo as Dramatist, Daudet and Realism.
Wednesday, 10. Two hours credit.
Professor WHEELER.

F—17. Herdler's Scientific French. Articles from scientific periodicals.
Four hours (to scientific students only) to be substituted for A—6. Miss FREEMAN.

G—18–20. Conversation with private reading. Open to students who have had AA, but registration to be subject to approval of the head of the department.
Tuesday, Thursday, 2. Two hours. One hour credit.
Miss FREEMAN.

PRIMARILY FOR GRADUATES.

H—21–23. Graduate and Post-Major course. Clédat's Grammaire du Vieux-Francais; Toynbèe's Specimens of French Literature, Ninth to Fourteenth Centuries; Gaston Paris' Littérature Française au Moyen-Age.
Hour to be arranged. One hour.
Professor WHEELER.

Major work, B, C, D, and E, or Italian or Spanish.

GEOLOGY.

A—1. Dynamical Geology. General discussion of the agencies now modifying the crust of the earth.

2. Structural Geology and Geography. Structure of the crust of the earth. Position of Strata, Cleavage, Formation of Mountains, Faults, Dikes, and Mineral Veins. Forms resulting from erosion. Instruction is given by prepared recitations, and lectures illustrated by lantern-slides, maps, models, museum specimens, and demonstrations in the field.

3. Historical Geology. Rock systems and formations are studied in historical order. Fossil plants and animals,

characteristic of the larger geological divisions of time, are studied in their botanical and their zoölogical relations. *Monday, Wednesday, 10. Two hours.*

Professor MARCY.

B— Advanced Course. In this Course topics omitted or slightly studied in Course A are taken up. Instruction is given by lectures, laboratory work with quizes and theses. Books in the Department Library, museum specimens, maps, charts, and photographs, are used by the student. Each student prepares a paper each term on the geology of some locality.

4. American Palæozoic and Mesozoic terranes. Characteristic fossils.
5. Tertiary and Pleistocene terranes. Glacial Geology.
6. Base-levels. Migration of Divides. History of Lakes and Rivers.

Tuesday, Thursday, 3. Two hours.

C— Palæontology.

7. Palæozoic Life. Determinations and reference of fossils to systematic groups with reasons for the references.
8. Mesozoic Life. Determinations and descriptions of fossils.
9. Tertiary and Pleistocene (Quaternary) Life. Causes of geographical distribution of species. Origin of recent forms.

D— Geological Journal Club.

Alternate Tuesdays, 4. One hour. Professor MARCY.

Major work: ten year-hours in Geology and Mineralogy.

GERMAN.

Professor James T. Hatfield has been granted leave of absence for the year 1896–97. He will resume his work in 1897–98. During his absence George O. Curme, having been appointed Acting Professor of the German Language and Literature, will have charge of the advanced work in German.

AB—1. Elementary course. Thomas's Practical German Grammar, Harris's German Reader, Studien und Plaudereien, first series.

2. Harris's Reader, Grammar and Composition, Studien und Plaudereien, second series.
3. Harris's Reader, Immensee, Hatfield's Materials for German Prose Composition, Moser's An der Majorsecke, Studien und Plaudereien, second series.

Section I., *Monday, Tuesday, Thursday, Friday, 10.*
Section II., *Monday, Tuesday, Thursday, Friday, 2.*
Section III., *Monday, Tuesday, Thursday, Friday, 4.*

Assistant Professor COHN.

A—4. Two Comedies, Goethe's Hermann und Dorothea, Harris's German Composition and Wenckebach's Sprachlehre.

5. German Ballads and Lyrics, Composition.

6. German Ballads and Lyrics, concluded; Schiller, an historical drama, and Lay of the Bell; Prose Composition.

Sec. I., *Monday, Tuesday, Wednesday, Thursday, Friday, 9.*
Sec. II and III., *Monday, Tuesday, Wednesday, Thursday, Friday, 11.*
Five hours.

Acting Professor CURME,
Assistant Professor COHN,
and Mr. FOREMAN.

Course A makes a proper sequence to the preparatory work of those who offer elementary German for entrance, as well as to course AB. Classical and philosophical students may elect this as a four-hour course, omitting the weekly exercise in German Composition. This exercise occurs in four sections: on Tuesday at 8 and 11, on Friday at 9 and 11.

B—7. Goethe's Life and Works, treated in the order of his literary development. Particular study will be made of the lyrics, Werther's Leiden, Wahrheit und Dichtung, Egmont, Iphigenie and Tasso. Open to those who have completed course A.
Monday, Wednesday, Friday, 8. Three hours.

10. Schiller's Wallenstein-Trilogy.

11. Freytag, Der Rittmeister von Alt-Rosen, and Aus dem Jahrhundert des grossen Krieges.

12. Scheffel, Der Trompeter von Säkkingen, Lessing, Minna von Barnhelm.
This course covers the important historical periods of the Thirty Years' War and the time of Frederick the Great. A literary study is also made of Schiller, Lessing and Freytag. Open to those who have completed course A.
Section I., *Monday, Wednesday, Friday, 8.*
Section II., *Monday, Wednesday, Friday, 2.*
Three hours.
10, 11, 12 omitted in 1897-98.
Three hours.

Acting Professor CURME.

C—13. Poets of the War of Liberation. Lectures and Readings.

14. Wilhelm Müller, the Swabian School, Geibel, Herwegh, Freiligrath, and Gerok. Lectures and Readings.

15. Platen and Heine. Lectures and Readings.

The poets of the earlier part of the nineteenth century included in course C are studied with reference to the political and literary tendencies of their times. A large amount of illustrative literature in the Greenleaf Library furnishes material for assigned studies.

Omitted in 1896–97. To be given in 1897–98.

Two hours. Professor HATFIELD.

D—16. German Literature of the Eighteenth Century, based upon König's *Abriss der Litteraturgeschichte.* The Greenleaf library is well supplied with materials for the careful study of every period, and certain texts will be gotten by all the members of the class.

17. German Literature of the First Half of the Nineteenth Century. König's *Abriss* furnishes the outline, while the study of the best representative productions constitutes the main part of the work.

18. The modern realistic drama, and its relations to contemporary life and thought in Germany. Sudermann, Hauptmann, etc. Open to those who have completed course B. Acting Professor CURME.

Monday, Friday, 3. Two hours.

E—19. Advanced group. The themes considered will be those described under course D, the distinction being made that the students enrolled under E will be engaged in more special studies upon the points treated, with the help of the abundant literature contained in the Greenleaf, the Newberry and the Chicago public libraries. For this work one or two hours' credit will be given according to the amount assigned. This course, which is given on the seminary plan, is intended chiefly for advanced and graduate students, and in all cases enrollment will be at the discretion of the instructor.

Friday, 4. One or two hours.

Acting Professor CURME.

F—22. Rapid reading of standard prose works of Hauff, Roquette, Scheffel, Freytag, C. F. Meyer, and others, intended to give a free command of modern prose.

23. Continuation of 22. Works by Auerbach, Heyse, Stifter, Seidel and others.

24. Historical German. Beresford-Webb's Historical German Reader, Schoenfeld's German Historical Prose, Hoffmann's Historische Erzählungen. Open to those who have completed course B, and to others by permission.
Tuesday, Thursday, 3. Two hours.
Assistant Professor COHN.

G—25. Colloquial German, for practice in the spoken language. The subject-matter will be based upon Meissner's German Conversation, Fischer's Wildermuth's Einsiedler, and German newspapers. Open to all who have had one year's German, and to others by special permission. The two hours of this course count as one hour in term-credits.
Tuesday, Thursday, 9. One hour.
Assistant Professor COHN.

H—28. Course in Scientific German, intended for those whose major work is in the natural sciences, political economy, mathematics, or sociology. Open to students who have satisfactorily completed the elementary work in German. The aim of the course is to prepare students as rapidly as possible to read the standard German works and journals relating to their specialties. Gore's, Hodge's, Day & Brandt's, and Dippold's Scientific Readers will be used, and special assignments made to individual students with the co-operation of the heads of the scientific departments.
Wednesday, Friday, 8. Two hours.
Assistant Professor COHN.

J— Advanced German Grammar, studied from a historical standpoint. The aim of the course is not only to familiarize the student with the leading facts of the language, but also to lead him to understand the forces at work in the growth and development of the language.
Hours to be arranged. Two hours.
Acting Professor CURME.

K— Gothic. Braune's *Gothische Grammatik* and Streitberg's *Urgermanische Grammatik*. The study of Gothic lies at the very base of the thorough study of all Germanic languages, and hence is fundamentally essential to all

students who intend to study German or English historically. Open to advanced and graduate students.
Hours to be arranged. Two hours.

Acting Professor CURME.

Major work: Courses B, C, or F, and D. After June, 1897, nine year-hours from courses other than AB or A.

GREEK.

A—1. Lysias' Select Orations. Practice in sight-reading. Prose Composition based on the text. A thorough review of Greek etymology and syntax, with special attention to the acquisition of a large vocabulary.

2. Xenophon's Memorabilia of Socrates.

3. Homer, Odyssey, four hours. Plato, Euthyphro, one hour. With Composition based on the text.
Section I., *Monday, Tuesday, Wednesday, Thursday, Friday, 11.*
Section II., *Monday, Tuesday, Wednesday, Thursday, Friday, 3. Five hours.*

Professor BAIRD and Mr. SCOTT.

B—4. Æschines against Ctesiphon. Attention is given to contemporary history and politics as a preparation for reading Demosthenes on the Crown.

5. Sophocles, Antigone.

6. Plato, Gorgias. With a study of Plato's ethical ideas and literary methods.
Course B is open to all who have completed Course A.
Section I., *Tuesday, Wednesday, Thursday, 10.*
Three hours. Professor BAIRD.

C—7. Greek Lyric Poets.

8. Æschylus, Prometheus Bound.

9. Aristophanes, Clouds.
One hour per week is devoted to lecture on the history of Greek Poetry from Homer to Theocritus and to the study in translation of the masterpieces of representative poets.
Monday, Wednesday, Friday, 3. Three hours.

Professor BAIRD.

D—10. Demosthenes on the Crown.

11. Selections from Plato's Republic.

12. Selections from Lucian.

One hour per week is devoted to lectures on the history of Greek Prose Literature and the study in translation of representative Prose authors from Herodotus to the Christian Fathers.

Monday, Wednesday, Friday, 3. Three hours.

Courses C and D are open to all who have completed Course B. They are given in alternate years. Course D will not be given in 1897-98.

E— Lectures on the Life of the Ancient Greeks, illustrated by the aid of photographs and the stereopticon. Open to students in all courses.

Hours to be arranged. Two hours per week.

Professor BAIRD.

F—13. History of Architecture in Antiquity with special reference to the development of the Greek temple.

14. History of Greek Sculpture to the close of the Age of Praxiteles.

15. History of Sculpture in the Alexandrian Age and among the Romans.

The subject will be discussed in lectures, recitations, and papers prepared by members of the class and will be illustrated by engravings and a large collection of photographs. The collection of casts in the Art Institute of Chicago will be utilized.

Hours to be arranged. Two hours.

Professor BAIRD.

J—25 and 26. The Synoptic Gospels and Acts.

Tuesday, Wednesday, Thursday, 11. Three hours.

Professor BRADLEY.

Major work: Courses A, B, C and D.

HEBREW.

Courses of study in the Hebrew Language and Literature are offered in Garrett Biblical Institute. Students in the College of Liberal Arts desiring to elect Hebrew must receive from the committee on Registration a certificate of approval. Final arrangements are to be made with the instructor in charge.

A—1 and 2. Elements of Hebrew.

Tuesday, Wednesday, Thursday, Friday, 9. Four hours.

Professor HORSWELL.

B—3 and 4. Historical books.

Tuesday, Wednesday, Thursday, 11. Three hours.

Professor HORSWELL.

HISTORY.

H— Introduction to Historical Study. Lectures and text-book. Students are urged to take H before taking any other course in History. Those who cannot do so should, if possible, take it along with one of the other courses.

22. Nature of History; Limits and Divisions of History; Relation of History to other studies; Sources of History; Value of Historical Study; Methods of Historical Study.

23. Influence of Geographical Conditions on the Course of History; Ethnography, especially of Europe.

24. Primitive Man.

Thursday, 4. One hour. Acting Professor STANCLIFT.

A— English History.

1. English History. From early Britain to the Tudors.

2. English History. From the beginning of the Tudor period to the reign of William and Mary.

3. English History. From the reign of William and Mary to contemporary times.

Monday, Wednesday, Friday, 3. Three hours.

Professor SHEPPARD.

B— English Constitutional History, with use of text-book, lectures, and writing of theses.

4. The Anglo-Saxon Constitution; the Norman Modifications of the Constitution; Growth under the Plantagenets; Early Parliamentary Development.

5. Growth of the Constitution under the Tudors and the House of Stuart; Modern Period of Reform.

6. History of Civilization: Ancient and Modern Compared; Mediæval Development of Civilization; Civilization as contributed to by Germany, France, and England.

Wednesday, Friday, 2. Two hours.

Professor SHEPPARD.

C— American Colonial and Constitutional History.

7. The Era of American Discovery and Exploration; Colonial Experiments; the French and English in America.

8. The French and Indian War; Constitutional Phases of Controversy between England and the Colonies; the War of the American Revolution.

9. The Confederation Period ; the Making of the Constitution; Its Amendment and the Relation of the Supreme Court to its Interpretation.
Tuesday, Thursday, 11. Two hours.
Professor SHEPPARD.

D— Grecian and Roman History. Text-books, with supplementary readings and map-work.

10. Grecian History.
12. Roman History.
Tuesday, Thursday, 3. Two hours. Mr. WILDE.

E— Continental Europe During the Middle Ages.
Text-books, lectures, supplementary reading, preparation of bibliographies and essays, use of original sources, and map work.

13. The Germanic Migrations ; Rise of the Christian Church; Rise of Monasticism in the West; Rise of Mohammedanism; Rise and Fall of the Carolingian Empire.
14. Establishment of Feudalism; Revival of the Roman Empire on a German Basis; Struggle Between the Empire and the Papacy.
15. The Crusades; State of Society in the Period of the Crusades.
Monday, Wednesday, Friday, 4. Three hours.
Acting Professor STANCLIFT.

F— Continental Europe from the Beginning of the Renaissance to the Outbreak of the French Revolution.
Methods the same as in Course E.

16. Decline of the Empire and the Papacy; Transition from Feudalism to Monarchy; Great Inventions and Discoveries; Revival of Learning and Art.
17. The Reformation ; Reign of the Emperor Charles V.; the Great Wars Between the Catholics and the Protestants, including the Reign of Philip II. and the Revolt of the Netherlands, the Huguenot Wars and Henry of Navarre, and the Thirty Years' War.
18. Culmination of Absolute Monarchy, including the Aggrandizement of France under Louis XIV., Rise of Russia and Peter the Great, Rise of Prussia and Frederick the Great.
Monday, Wednesday, Friday, 11. Three hours.
Acting Professor STANCLIFT.

G— Continental Europe since the Outbreak of the French Revolution. Political history, showing the progress of democracy and aiming to give an understanding of the present condition of European politics.

Methods the same as in Course E.

19. The French Revolution.

20. The Napoleonic Wars.

21. Reactionary and Revolutionary Movements from the Fall of Napoleon to the Middle of the Century; Unification of Italy; Unification of Germany; Partial Dismemberment of Turkey; Recent Events in the Politics of Continental Europe.

Monday, Wednesday, Friday, 9. Three hours.

Acting Professor STANCLIFT.

L— Post-Nicene Church History; History of the Reformation; History of the Modern Church.

31. Post-Nicene History of the Christian Church. Christianity within the Roman Empire; the Struggle of the Church with Paganism, with Barbarism, and with Mohammedanism; the Development of the Hierarchy; the Rivalries of the Patriarchates; the Upbuilding of the Papacy and the Growth of Monachism; the Relations of the Popes to the Byzantine, Frankish, and German Emperors; the Crusades; the Growth and Decay of Papal Power; the Monastic Schools; the Universities; the Mendicants and Mediæval Heretics; Scholasticism and Superstition; the Church and Mediæval Society.

32. History of the Reformation,—its extent, its character, its successes and failures, its causes and consequences. History of the Modern Church.

Tuesday, Wednesday, Thursday, 8. Three hours.

Professor LITTLE.

PRIMARILY FOR GRADUATES.

J—25. Seminary in European History. Use of the original sources in the investigation of special subjects. Designed for those who have already taken one or more courses in history and who are giving considerable attention to the subject. Open only to those whom the professor in charge considers qualified. One meeting each week of one or two hours; but each student must give sufficient time to outside research to entitle him to three hours of

credit. In case of graduates additional credit may be acquired if arranged for at the time of registration.
Hours to be arranged. Three hours.

Acting Professor STANCLIFT.

K—28. Seminary in English and American History. Work is conducted throughout the year with individual students of special preparation and fitness for historical studies.
Hours to be arranged. Two hours.

Professor SHEPPARD.

Major work: Ten year-hours.

ITALIAN.

A—1. Grandgent's Grammar: Cuore (D'Amici).

2. Montague: Modern Italian Readings (Prose); Manzoni: I Promessi Sposi.

3. Italian readings (Poetry); Selections from Dante (18 cantos); Private Reading: Alberto (D'Amici); Collateral reading required: Howell's *Italian Poets*, Symonds' *Introduction to Dante*, Church's *Dante*, Rossetti's *Dante and his Circle*. The courses in Italian and Spanish will be given in alternate years. The course in Italian is given in 1897–98.
Monday, Wednesday, Friday, 9. Three hours.

Professor WHEELER.

LATIN.

A—1. Livy, books I. and XXI.

2. Cicero, De Senectute and selected Letters.
(Advanced section) De Amicitia.

3. Terence, two plays.
Latin composition and practice in reading at sight throughout the year.
Section I., 9 A. M. *Five hours.*
Section II., 10 A. M. *Five hours.*
Section III., 2 P. M. *Five hours.*

Mr. BECHTEL.

B—4. Horace, Odes and Epodes.

5. Horace, Satires and Epistles.

6. Quintilian, books X. and XII.
Section I., *Tuesday, Wednesday, and Friday, 9.*
Section II., *Tuesday, Wednesday, and Friday, 11.*
Three hours.

Professor BONBRIGHT.

C—7. The Reign of Tiberius,—Tacitus, Annals, with comparison of other authorities.

8. Roman Satire and Epigram, selections from Juvenal and Martial, lectures.

9. Pliny's Letters, selections illustrating political and social conditions.

Monday, Thursday, and Friday, 10. Three hours.

Professor BONBRIGHT.

D—10. Lyric and Elegiac Poetry, selections chiefly from Catullus, Tibullus, and Propertius, lectures. Early Christian Hymns.

11. Lucretius, two or three books, lectures.

12. Persius; Seneca, selected readings.

Monday, Thursday, and Friday, 10. Three hours.

Professor BONBRIGHT.

Courses C and D given in alternate years. Course D in 1897–98.

E—13. Advanced reading under Course C, with study of assigned subject,—1896–97, the reign of Tiberius.

F—14. Schools of Philosophy at Rome,—Cicero, de Finibus, with reading of other selections, lectures. Courses E and F, designed primarily for graduates, open to undergraduates on approval of the instructor. Given in alternate years. Course F given in 1897–98.

One or two hours. Time to be announced.

Professor BONBRIGHT.

G—15. Teachers' Course.—Topics in Latin Syntax, lectures and illustrative exercises; study of Preparatory Latin selections, with practice in class instruction.

One hour. Time to be announced.

Professor BONBRIGHT and Mr. BECHTEL.

H—16. Roman Law,—Institutes of Gaius.

See LAW, Course D.

Major Work, B, C, and D. Mr. BECHTEL.

LAW.

A—1. The Elements of the Common Law. Lectures.

2. Constitutional Law of the United States. Lectures.

3. Comparative Constitutional Law. Lectures.

This course will be given in 1897–98, and in alternate years.

Monday, Wednesday, Friday, 3. Three hours.

The PRESIDENT.

B—4. The Elements of International Law. Text-book.
5-6. Diplomacy and the History of Treaties. Lectures.
This course will be given in 1898-99, and in alternate years.
Monday, Wednesday, Friday, 3. Three hours.
The PRESIDENT.

C—7-8. The Elements of Roman Law. Text-book.
Tuesday, Thursday, 11. One hour, second term; two hours, third term. Mr. BECHTEL.

D—9. The institutes of Gaius. Text-book.
10. The course will be given in alternate years, and in 1896-97.
Tuesday, Thursday, 11. One hour, second term; two hours, third term. Mr. BECHTEL.

E—11. Administrative Law. For the course in Administrative Law the student is referred to p. 93.

MATHEMATICS.

A—1. Algebra. Text-book and exercises.
3. Plane Trigonometry.
Section I., *Tuesday, Wednesday, Thursday, Friday, 8.* Mr. KEPPEL.
Section II., *Tuesday, Wednesday, Thursday, Friday, 10.* Professor HOLGATE.
Section III., *Monday, Tuesday, Wednesday, Thursday, 11.* Mr. KEPPEL.
Section IV., *Monday, Tuesday, Wednesday, Thursday, 2.* Mr. KEPPEL.
Four hours.

AB—4. Algebra. Text-book and exercises.
5. Plane Trigonometry.
6. Plane Analytical Geometry.
Section I., *Monday, Tuesday, Wednesday, Thursday, Friday, 11.* Professor WHITE.
Section II., *Monday, Tuesday, Wednesday, Thursday, Friday, 10.* Mr. KEPPEL.
Five hours.

B—7. Plane Analytical Geometry.
8. Differential and Integral Calculus.
Monday, Wednesday, Friday, 8. Professor WHITE.
Three hours.

BB—10. Differential and Integral Calculus.
Monday, Wednesday, Friday, 9.
Three hours. Professor WHITE.

C—13. Elements of Mechanics.
Monday, Wednesday, Friday, 9. Three hours.
Professor HOLGATE.

D—16. Determinants.
17. Theory of Equations.
Tuesday, Thursday, 8. Two hours.
Professor HOLGATE.

E—19. Algebraic Series and Theory of Probability.
20. Spherical Trigonometry and Trigonometrical Series.
21. Solid Analytical Geometry.
(Omitted in 1896–97.) *Three hours.*
Professor HOLGATE.

F—22. Geometrical applications of the Calculus.
(Omitted in 1896–97.) *Three hours.*
Professor WHITE.

G—25. Analytical Geometry. An advanced course.
Monday, Wednesday, Friday, 8. Three hours.
Professor HOLGATE.

H—28. Modern Synthetic Geometry.
(Omitted in 1896–97.) *Three hours.*
Professor HOLGATE.

J—31. Integral Calculus. An advanced course.
32. Differential Equations.
Tuesday, Wednesday, Friday, 2. Three hours.
Professor WHITE.

K—34. Analytical Mechanics. An advanced course.
Tuesday, Thursday, 9. Two hours.
Professor HOLGATE.
Major Work: Fifteen year-hours including, courses A or AB, and B or BB, and a thesis.

PRIMARILY FOR GRADUATES.

M— Plane curves of Third Order, discussed principally by analytical methods; followed by geometrical introduction to Elliptic Functions. Lectures, with problems for review.
Monday, Wednesday, 3. Two hours.
Professor WHITE.

N— Modern Synthetic Geometry. An advanced course. First half-year.
Theory of Numbers. Second half-year.
Tuesday, Thursday, 3. Two hours.
Professor HOLGATE.

MINERALOGY AND PETROLOGY.

A— General Mineralogy, lectures and laboratory.

1-2. A study of common minerals in respect to their appearance, composition, physical qualities, the manner of their formation and growth, and the localities in which they are found. The aim is to obtain a view of the laws of the mineral kingdom and the ability to determine common minerals by physical characteristics.

3. Blow-pipe analysis. Investigation and determination of minerals by wet and dry methods of analysis.
Lectures, Wednesday, Friday, 9; Laboratory hours can be chosen Tuesday, Wednesday, Thursday, Friday, 8-12. Four hours. Professor CROOK.

B— Petrology, lectures and laboratory.

4. The optical characteristics and microscopic physiography of rock-forming minerals; preparation of mineral sections.

5-6. Macroscopic and microscopic physiography of rocks; their growth and decay; their classification; preparation of rock sections. Open to those who have completed Course A.
Lecture, Monday, 11. Laboratory, Tuesday, Wednesday, Thursday, Friday, 8-12. Three hours. Professor CROOK.

C— Economic Geology.

7-9. The qualities, conditions, and surroundings of the useful metals in the earth; means employed in obtaining them; the quarrying of building stone; the mining of coal; the production of petroleum and related articles; methods and value of drainage and irrigation. These subjects are illustrated by maps and charts, pictures, and materials. Tarr's "Economic Geology" used as text, is supplemented by collateral reading.
Wednesday, 4. One hour. Professor CROOK.

D— Physical Crystallography.

10. Optical, thermal, magnetic, and molecular properties of crystals.

11. Geometric properties. Wooden and glass models.

12. Continuation of preceding; reflecting goniometer and microscope. Williams' "Elements of Crystallography" and Groth's "Physikalische Krystallographie."
Two hours. Hours to be chosen. Professor CROOK.

E— Field Geology.

13–15. Ice and water action, stratification, joints, fissures, occurrence of building stone and minerals of this region studied on short excursions to accessible points on several Saturdays in the fall and spring terms. Methods of field work are considered and reports on observations made. Open to all taking other work in the Departments of Mineralogy or Geology.
Two hours. Professor CROOK.

F— Advanced course.

16–18. Special work in the investigation of rocks.
Three hours. Hours to be chosen. Professor CROOK.

G—19–21. Mineralogical Journal Club.
Alternate Tuesdays, 4. One hour.
Major Work, ten year-hours.
Professor CROOK.

MORAL AND SOCIAL PHILOSOPHY.

A—1. Ethics. Analysis of the phenomena of the moral consciousness. The theory of Ethics, with critical survey of the chief Ethical theories. Practical Ethics; the application of Ethical principles to the ordinary problems of life and of citizenship; the theory and the facts of moral progress.
There is no rigid recitation from text-books, the whole appeal being made to the student's reflective powers, as directed by the class-lectures. Still, certain portions of Muirhead's "Elements of Ethics" will have to be mastered. Students will be gradually given a complete bibliography of the subject, so that they may be fully introduced to it.

2. Sociology, Introductory—Theoretical Elementary Social Science and the principles of Sociology, the nature of the social problem and of social science; the conclusions of Anthropology and of the other sciences on which Sociology rests; the theory of Sociology by reference to the work of the leading social philosophers.

3. Sociology. Practical application of Sociological principles to the chief social problems. Immigration and Race Problems. Social Pathology. The conditions of dependency, or of the dependent classes — criminals,

paupers, intemperates, the insane, and the weakminded. The modern state and its social functions.
Monday, Tuesday, Thursday, 9. Professor CALDWELL.
Three hours.

B—4. Advanced Ethics. This course will be given in alternate years with Course C. (Course C will be open to advanced Ethical students.) No student will be admitted to this course who has not attended A–1. In this course the history of Ethical Philosophy from the Greeks and Romans and Christianity to Kant and Comte and Spencer will be gone into in some detail; also the present condition of Ethical Science, as represented by men like Spencer, Green, Martineau Alexander, Huxley, Höffding; also the Science of Ethics as affected by Economics, by Biology, by Sociology; and lastly practical Ethics and Moral Pathology. Professor CALDWELL.
Two hours.

C—5. Advanced Sociology. This course is designed to meet the wants of advanced students of the Moral and Economic and Philosophical Sciences. No student should think of registering for it without consulting the professor as to the desirability of doing so. The work done will vary somewhat from year to year. Three things will be kept in view: first, the Sociology of leading thinkers, ancient and modern (from Plato to Schäffle and Spencer); secondly, the more difficult questions in contemporary Sociology as represented by names like Spencer, Ward, Kidd, Giddings, Patten, Schäffle, De Greef, Gumplowicz, Höffding, Simmel, Tarde, and others; thirdly, the serious questions which arise out of the subject of Social reform. A reading knowledge of French and German, and work in Course C of Philosophy, or Courses A and C in Political Economy, would be most desirable in connection with the work of this course. Professor CALDWELL.
Two hours.

D—6. Seminary in Sociology. The detailed study of some of the many different sides of Sociology may be entered upon, such as the Biological or the Anthropological, the Philosophical or the Theoretical (Social Psychology, Social Ethics, the Social Ideal), the Practical (the Administration of Relief and Charity, Penology, Social Reform).
Hours to be arranged. Four hours.
Professor CALDWELL.

E—7. Seminary in Ethical Philosophy.

In the Seminary more advanced investigation may be made into ethical questions under the personal supervision of the professor. Students will undertake special topics, such as Greek Ethics, English Ethics, German Ethics, the Ethics of Evolution, Political Ethics, and Social Ethics. No one will be allowed to make special investigation who has not satisfied the professor as to general and special fitness.

Hours to be arranged. Four hours.

Professor CALDWELL.

Major work: ten year-hours, of which Course C in Philosophy, or Course C in Political Economy may form a part.

MUSIC.

A— Harmony.

1. Intervals, Triads, Triad Harmonization with near Modulations.
2. Harmonization continued: Addition of dominant Sept-chords and Inversions.
3. Harmonization continued: with addition of diminished Sept-chords and the application of Cadences.

Monday, Thursday, 1:30. Two hours.

Professor LUTKIN.

B— Harmony.

4. Application of secondary Sept-chords and remote Modulation.
5. Altered and extended Chords. Passing and alternating tones. Appoggiaturas.
6. Suspensions and Organ Point.

Tuesday, 1:30. One hour. Professor LUTKIN.

C— Musical Form.

7. Composition of Melodies, Anglican Chants and Hymn-tunes.
8. Song, Trio, and Rondo Forms, Variations, Inventions, and Suites.
9. Sonata Forms, Canon, and Fugue.

Wednesday, 1:30. One hour. Professor LUTKIN.

D— Counterpoint.

10. Two-part Counterpoint.
11. Three-part Counterpoint.

12. Four and Five part Counterpoint.
Friday, 11. One hour. Professor LUTKIN.

E— Double Counterpoint and Canon.

14–15. Fugue and Free Composition.
Hours to be arranged. Two hours. Professor LUTKIN.

F—16, 17, and 18. Acoustics, Free Composition, and Instrumentation.
Hours to be arranged. Two hours. Professor LUTKIN.

Courses A, B, C, D, and G constitute the Normal course, of which A is taken the first year, B, C, and D the second year, and G during either year. Upon the satisfactory completion of this course, together with a certain proficiency in vocal or instrumental music, a certificate is given. Courses E and F are open only to students having special talent for musical composition, and complete the course leading to the degree of Bachelor of Music. The candidate for a degree is also required to compose a work for chorus and orchestra of some length, introducing examples of five-part writing and contrapuntal treatment of the voices, and to prove his knowledge of English Literature, Mathematics, and his choice of Greek, Latin, German, or French.

For particulars in regard to the study of music as a practical art, see under heading "School of Music," in this catalogue.

NORWEGIAN-DANISH.

A—1. Modern Norwegian-Danish Grammar. Petersen's Norwegian Grammar and E. C. Otte's "How to Learn Danish," are the text-books used.

3. Readings from Andersen and Ibsen.
Hours to be arranged. Two hours. Dr. SIMONSEN.

PEDAGOGICS.

A—1. History of Education. Lectures on Thursdays and Recitations on Tuesdays, through the year. Text-books: Compayré's History of Pedagogy, Quick's Essays on Educational Reformers, Gill's Systems of Education, Boone's Education in the United States.

Given in 1896–97.

Tuesday, Thursday, 4. Two hours. Professor FISK.

B—4. Principles of Education. Lectures on Thursdays, and recitations on Tuesdays and Fridays through the year. Text-books: Rooper's Apperception, De Garmo's Essentials of Method, Laurie's Institutes of Education, Compayré's Lectures on Pedagogy, Lange's Apperception, Herbart's Science of Education, Tompkins's Philosophy of School Management.
To be given in 1897–98.
Tuesday, Thursday, Friday, 4. Three hours.
Courses A and B are given in alternate years.
Professor Fisk.

PHILOSOPHY.

A—1. Psychology. James's Psychology (Briefer Course), with class-room demonstrations and lectures.

3. Logic. Ryland's Logic. Daily written exercises.
Open to students who have completed forty-five hours.
Monday, Wednesday, Friday, 2. Three hours.
Professor Coe.

B—4. The Philosophy of Religion. Lectures and required reading.
Open to students who have completed ninety hours.
Monday, 4. One hour. Professor Coe.

C—7. History of Ancient Philosophy. Zeller's Outlines of Greek Philosophy. Required reading of five dialogues of Plato.

8. History of Mediæval and Modern Philosophy. Weber's History of Philosophy. Lectures on Kant and Post-Kantian Philosophy. Required reading of selected writings of Descartes, Locke, Hume, and Kant. Each student presents one dissertation a term based on a study of original sources.
Primarily for undergraduates who have completed Course A.
Tuesday, Wednesday, Thursday, Friday, 8. Four hours.
Professor Coe.

D—10. Theory of Knowledge and Metaphysics. Lectures and required reading.
For graduates, and undergraduates who have completed Course A.
Tuesday, Thursday, 9. Two hours. Professor Coe.

PRIMARILY FOR GRADUATES.

F—16. Philosophical Seminary. No work will be credited that is not the equivalent of at least five hours.
Once a week for two hours. Professor COE.

Major work: Ten year-hours, of which one year-hour (or three term-hours) may be taken in Ethics.
See Department of Moral and Social Philosophy.
For Collateral work in Greek and Roman Philosophy, see Greek B-6 and D-11, and Latin D-11.
For collateral work in Psychology, see Zoölogy E.

PHYSICS.

A— General Physics. First year.

1. General Properties of Matter.
2. Heat, Sound, and Light.
3. Electricity and Magnetism.

Each week's work consists of two experimental lectures, one recitation, and one laboratory exercise. This course is recommended only to those who have a working knowledge of Algebra and Trigonometry.
Tuesday, Wednesday, Thursday, 11: Friday, 2–4.
Four hours. Professor CREW and Mr. WILSON.

B— Experimental Physics for Beginners.

4. Mechanics.
5. Sound, Light, and Heat.
6. Electricity and Magnetism.

Laboratory work illustrative of topics studied in Physics A.
Monday, Thursday, 2–4. Two hours.
Professor CREW and Mr. WILSON.

C— Experimental Physics for Second-Year Students.

7. Electricity and Magnetism.
8. Electric and Magnetic Measurements.
9. Electric and Magnetic Measurements.

Each week's work consists of two lectures and two laboratory exercises. In the lectures, the most general phenomena and laws of electricity will be discussed; the practical equations employed in the laboratory will

also be derived and discussed. S. P. Thompson's *Electricity and Magnetism* represents the ground covered. *Laboratory hours, Monday, Thursday, 2–4; Lecture hours to be arranged. Four hours.* Professor CREW.

D— Problems in Physics.

10. Problems in Mechanics.

11. Problems in Heat, Sound, and Light.

12. Problems in Electricity and Magnetism.
Intended primarily for students taking Course A, and for mathematical students wishing to use their Geometry and Trigonometry.
Monday, 11. 1 hour. Mr. ————

E— Theory of Waves.

13. Sound-Waves and Water-Waves.

14. Light Waves.

15. Application to Spectroscopy and Astro-physics.
Two lectures and two laboratory exercises.
Four hours.
Given in alternate years with Course C. Not given in 1896–97. Professor CREW.

PRIMARILY FOR GRADUATES.

F—16 Graduate Course. During 1896–97, Maxwell's *Treatise on Electricity and Magnetism*, and Boltzmann's *Lectures on Maxwell*, have formed the basis of study.
Six hours. Professor CREW.
Major work: ten year-hours.

POLITICAL ECONOMY.

Those who wish to specialize in Political Economy should begin the work earlier than the third year; but no student will be admitted to any of the courses in the department until he has at least forty-five hours' credit, except by special permission of the instructor. Students who think of taking work in this department in 1897-98 should confer with the instructor before the close of the current academic year. In order to be admitted to any of the courses B, D, or E, students must have passed satisfactorily upon Course A, or its equivalent, but Course C requires no previous study of Political Economy.

A—1. Theoretical Political Economy. Recitations and Lectures with frequent written tests. Theoretical part of Walker's Political Economy.

2. Practical Problems in Political Economy. Part VI of Walker.

3. Problems in Transportation. Hadley's Railroad Transportation.

Monday, Wednesday, Friday, 10. Three hours.

Professor GRAY.

B—4. Administrative Law and Administration. The general field of administrative study and the nature of Administrative Law.

The Comparative Central Administration of the Chief Modern States.

5. Administration. An outline of the local administrative systems of the leading countries.

6. Administration. A more detailed study of the administration of cities, together with a study of the general legal relations existing between different organs of the administration, both central and local.

Goodnow's Comparative Administrative Law will be used as a guide for the lectures on Administration throughout the year.

Given in alternate years. Omitted in 1896–97.

Wednesday, Friday, 8. Two hours.

Professor GRAY.

C—7. Industrial History since the Seven Years' War. The effects of modern inventions and political changes on industrial methods. Lectures, topical readings, class discussions, and essays.

8. Industrial History. The effects of the formation of the *Zollverein*, the adoption of Free Trade in England, the discovery of gold in California and Australia, and of the Revolution of 1848.

9. Industrial History. The economic effects of the American Civil War, the Franco-Prussian War, and the rapid extension of the means of transportation.

Monday, Wednesday, Friday, 11. Three hours.

Professor GRAY.

D—10. Comparative Public Finance and Banking. General view of Public Finance. The objects and methods of public expenditure.

11. Systems of taxation in the leading modern countries compared. The relation of public loans and other methods of raising revenue to taxation.

12. A brief study of the principal modern banking systems of the world.

Lectures, recitations, and written work. Each student in this course will procure Bastable's Public Finance and Dunbar's Chapters on the Theory and History of Banking.

Wednesday, Friday, 8. Two hours.

Course D is given in alternate years. It will be omitted in 1897–98. Professor GRAY.

E—13. Seminary. The seminary is open to graduates and to a limited number of undergraduates who seem to the instructor able to make original investigations. Students now in College who wish to take this course in 1897–98 should obtain the consent of the instructor before the close of the current academic year.

The subjects for the year 1896–97 are, "The Relations of the Town, County, and City Governments in Cook County, Illinois," and "Minority and Proportional Representation."

Among the subjects suggested for study in the year 1897–8 are: "The Street Railway Systems of Chicago, their History and Present Condition," and "The Office of Mayor in the United States, considered Historically and Theoretically."

A room, containing a considerable library and tables with a lock-drawer for each student, is set apart for the exclusive use of the members of this seminary.

No one will be allowed to register for less than three year-hours in this course, and undergraduates will not be allowed to register for more than three year-hours, except by vote of the Faculty. Professor GRAY.

Tuesday, 2–4. Three to six hours.

Major work: Ten year-hours, of which three may be in the department of Ethics and Social Philosophy.

RELIGIONS.

A—2. Comparative Religions and History of Christian Missions.

Tuesday, Wednesday, Thursday, 9. Three hours, one term. Professor LITTLE.

For Philosophy of Religion, see Philosophy B.

For Bible Study, see courses under that heading.

For Greek New Testament, see under Greek.

For Hebrew Old Testament, see under Hebrew.

For History of the Christian Church, see under History.

SPANISH.

General elective, but especially adapted to advanced students in French. The aim of the course will be the acquisition of the power of intelligent reading. It is expected that advanced students will make the same progress as in the elementary year in French. The courses in Italian and Spanish are given alternately. Spanish was given 1896-97.

A—1. Grammar (Edgren); Spanish Readings (Knapp).
2. Readings, finished; Partir a Tiempo (Larra).
3. El Final de Norma (P. de Alarcon). Dona Perfecta (Galdos).

Tuesday, Thursday, 9. Two hours.

Professor WHEELER.

SWEDISH.

A—1. Modern Swedish Grammar, and the reading of prose selections. May's Swedish Grammar is the text-book used.
3. Tegner's Frithjof's Saga and selections from Kuneberg.

Professor ERICSON.

ZOÖLOGY.

A—1. General Biology and Invertebrate Morphology. A comparative study of living organisms as a whole, forming an introduction to the study of vital activities. In the laboratory the student acquires a knowledge of methods of study, and is taught to observe, to verify and record his observations. A general survey of the properties of living matter is followed by study of a few selected types of invertebrate animals, beginning with the simplest and proceeding to the more complex. Parker's "Elementary Biology," and Marshall & Hurst's "Practical Zoölogy," are used as hand-books, and these are supplemented by lectures. In the lectures the physiological side receives most attention. This course is open to all students, and is required of those intending to take either Botany or Zoölogy as a major subject. A knowledge of elementary physics and chemistry is very desirable for all students entering this or any of the following courses.

Lectures Tuesday and Thursday at 9 o'clock. Laboratory hours to be arranged between 9 and 12 Tuesday, Wednesday, Thursday, Friday. Four hours.

Professor LOCY and Mr. SWEZEY.

B—4. Comparative Zoölogy. Two courses of lectures.

5. Fishes, Batrachians, and Reptiles.

6. Birds and Mammals.

Wednesday and Friday, 9. Two hours.

Professor MARCY.

C— Development of Animal Life and Microscopic Structure of Animal Tissues. Must be preceded by course A, or an equivalent.

7. Embryology, segmentation, formation of the germ-layers, and other general topics.

8. Histology of Animal Tissues.

9. Comparative Embryology, continuation of the work under 7, formation of organs, comparisons, etc. Offered after 1896–97.

Lectures Wednesday and Friday at 9 o'clock. Laboratory work to be arranged on Tuesday, Wednesday, Thursday, and Friday, 9–12. Four hours. Professor LOCY.

CC— Anatomy and Physiology of the Cell, and Microscopical Structure of Animal Tissues. The structure and function of both animal and plant cells will be considered during the first term. The winter and spring terms will be devoted to microscopic structure of animal tissues. The course will consist of lectures, recitation, and laboratory work. In the laboratory special attention will be given to methods of preparing tissues for microscopical study.

Course arranged for 1896–97 only. Three hours. Hours to be arranged with the instructor. Mr. BIGELOW.

D—10. (*a*). Comparative Morphology of Vertebrates, or (*b*) Physiology. Either course is open to students who have completed course A. In 1896–97 (*b*) will include histology and other laboratory work. Only one of the two lines of study here offered will be given at a time. In making selection the students may designate their elective by the letter (*a*) or (*b*). Wiedersheim's "Comparative Anatomy of Vertebrates" forms the basis for (*a*) and Kirke's Physiology for (*b*).

Lectures Wednesday and Friday at 9 o'clock. Laboratory work to be arranged Tuesday, Wednesday, Thursday, and Friday, 9-12. Four hours. Professor LOCY.

E— The Central Nervous System and its Terminal Organs. Lectures and demonstrations, adapted to those taking, or about to take, Psychology, and to others who wish to become acquainted with the structure and general physiology of the nervous system.

13. Comparative Structure of the Central Nervous System.
14. Structure and Evolution of Sense-Organs.
15. Discussion of Certain Physiological Activities of the Central Nervous System and Sense-Organs.

Lecture, Tuesday, 4. One hour, or with three hours laboratory work. Two hours. Professor LOCY.

F—16. Topics of Investigation. Open to students who have completed two years' work in Zoölogy. Problems of limited extent are assigned after consultation with the professor in charge, and worked out under his direction with such help as is required. This forms an introduction to the work of original research. The completion of the course involves the consultation of the literature bearing on the problem in hand, and the preparation of a thesis embodying the results of the investigation. A reading familiarity with French and German is essential for entering this course.

It may be elected as (a) Five hours or (b) Ten hours. Hours to be arranged with the instructor. Professor LOCY.

PRIMARILY FOR GRADUATES.

G—19. Research work. For graduate students who have completed the equivalent of the courses described above. Similar to course F, but with broader scope and more rigid requirements as to the thesis, which must embody a critical review of the principal literature and substantial conclusions based upon the personal work of the student. Offered to students who are candidates for a graduate degree. Means of publication will be found for all papers which are worthy of it.

May be elected as (a) Ten hours or (b) Fifteen hours. Hours to be arranged with the instructor. Professor LOCY.

H—22. Zoölogical Journal Club. An organization of instructors and advanced students of the department for reports and discussions of biological literature.

Alternate Thursdays at 4. One hour.

Major work: Ten year-hours. Professor LOCY.

AIMS AND METHODS OF INSTRUCTION.

The following statements are added to explain the scope of instruction in the various subjects of study:

ASTRONOMY AND METEOROLOGY.

In Theoretical Astronomy the student is expected to get a clear conception of the mechanism of the heavens, so that the subject may be pursued understandingly in the future.

In Practical Astronomy, the fundamental principles of the various astronomical instruments are explained, as well as the methods of observation.

The class also has the use of the 18½-inch refractor during several evenings in each term, for the examination of objects of interest.

The principal topics considered in the third term will be meteorological constants, instruments, and methods of observation, laws of storms, and the theory of weather predictions.

BIBLE.

The Scriptures of the Old and New Testaments are treated in courses of lectures and studies which extend continuously over two years.

Course A treats of the origin and history of the sacred canon, the reasons for rejecting the apocryphal and pseudepigraphical writings, and for accepting the canonical books as Scriptures of divine authority. The principal ancient versions are described, and a genetic history of the various English translations is given. The contents and scope of each book are so exhibited as to develop the habit of critical analysis. Particular attention is called to the great variety and magnificence of the literature, and to the masterpieces of history, biography, oratory, poetry, and philosophy in the sacred volume, which all contribute to make it the great religious text-book of the world.

Course B is devoted more to the explanation of select portions of the Bible, and to instruction in the principles and methods of biblical exegesis. The history and methods of Higher and Lower Criticism are explained and illustrated, and special attention is given to the Mosaic books and institutions, the progress of divine revelation, and the interpretation of parables, allegories, types, and symbols. Students are required to take notes of the lectures, and to pass written examinations on them.

BOTANY.

It is the purpose in conducting the courses offered in Botany to train the student in habits of careful observation, and to present to

him the more important facts and deductions of the science. To this end the work is largely conducted in the laboratory, and the student records his observations in drawings and notes. Lectures and collateral reading accompany the laboratory work, which is largely in the line of comparative morphology. Considerable field-work is accomplished. The physiological significance of observed facts is also emphasized, and to considerable extent confirmed, by experiment. From the beginning the student is led to see that plants are living organisms, struggling for existence, subservient to natural laws and closely related to each other.

CHEMISTRY.

The first course, A, consists of experiments performed by the student himself, under the personal supervision of the instructor, and designed to illustrate the fundamental principles of the science. These are largely of the nature of quantitative problems, involving the use of the balance almost from the start. The subject-matter thus brought before the student is discussed in class exercises, and supplemented by lectures and additional experiments by the instructor. Full and systematic notes are made by the student, both of his own experiments and of the lectures. This work covers two terms. The third term offers opportunity for an introduction to the general principles of Qualitative Analysis.

In course D, three terms are given to special problems. The work varies from year to year, but usually includes examinations of water, of milk, and of bread, from the sanitary standpoint, and sometimes problems involving research.

The time in all the courses is based upon at least two hours of work for one hour of credit.

ELOCUTION AND ORATORY.

In course A, instruction is given in the management and regulation of the breath, the proper use of the body in the development of vocal energy, the most advanced knowledge of English Phonation, the most approved methods of acquiring a distinct articulation, the function of the Natural and Orotund Voices; the application of Force, Stress, Pitch, Rate, Quantity, and Emphasis, and their importance in the dynamics of expressive speech; the use of inflection for the purpose of emphasis and melodious effect; the fundamental principles of Gesture and their application. Students are taught how exhaustion of the body in speaking may be prevented; how throat difficulties, occasioned by an over-use or wrong use of the vocal organs, may be avoided; how harsh quality of voice may be removed, and pure musical quality acquired; how mannerisms in melody and inflectional forms may be remedied; how awkwardness

in gesture may be conquered; what is the best time for vocal practice, and how it should be regulated.

The chief object in course B is to establish the student in the best literary and elocutionary form, by bringing him in contact with the most perfect models. In the third term of this course the English of Shakespeare will be studied with the help of Abbott's Shakespearean Grammar.

Course C is designed especially for the year of graduation. Great stress will be laid upon the acquisition of perfect form in Common Reading and Oratorical Address. The written productions required each term will be carefully examined, and, whenever needed, the class instruction in English style will be supplemented by personal advice and criticism.

As a result of the work in course D, it is expected that the student will have the skill to read with melodious effect and expressive power the Bible, Hymn Book, and Liturgy.

THE ENGLISH LANGUAGE.

The work of this department aims to cover the history, development, and effective use of the mother tongue. Course 1 consists of a concise review of the fundamental principles of literary form, emphasizing points not generally covered in the secondary schools. Course 2 is called "negative" because it has to do with the correction and avoidance of errors rather than the acquirement of positive graces. The prominent defects in the style of each student are repeatedly pointed out to him, and he is trained, by abundant practical exercises, to detect and avoid the errors to which he is prone. Course 3 consists in discrimination between assigned sets of synonyms by definition and by illustration in sentences of the student's personal invention. The special object of course 4 is to give drill in conciseness and relevance of expression. Every member of the class presents a paragraph at every session. Most of these are read before the class and are closely criticised as to method of development and strict relevance to the theme previously announced by the writer. In course 5 the student takes up, successively, twenty masterpieces of prose by as many writers, and determines, by direct analysis, what are the salient features of the author's vocabulary and style. The work in course 6 begins with the practical examination of a large number of rhetorical figures. The aim is to train the student to detect readily and to use effectively the common forms of rhetorical imagery. This work is supplemented with an examination of the essential principles of versification. After concisely reviewing these the student engages in inductive work, discovering by general research and bringing to the class-room illustrations of the various

ıetrical forms. These illustrations are compared, criticised, and dis-
ussed in the class-room. The method followed in course 7 is simi-
ır to that employed with prose masterpieces in course 5. In
ourse 8, after a concise review of the history of the English lan-
uage, the student takes up the outlines of Anglo-Saxon and Early
Cnglish grammar in sufficient detail to acquire a working knowledge
f the grammatical forms. In courses 9 and 10 the class translates
xtensively from the fourteen most prominent English writers from
Beda to Gower, inclusive. Minute philological analysis is not
ttempted. Course 11 is offered in order to give to those who so
esire an opportunity for practice in thinking while on their feet and
ı expressing themselves concisely and effectively without previous
ormal composition. Questions are announced and sides are taken
ne week before each debate, and references are given to available
terature on the respective questions. Speeches are limited rigidly
o four minutes each, and are followed by such criticism and sugges-
ion as the case may demand. Before speaking, each debater
resents to the instructor a brief of his argument. In course 12,
ıembers of the seminary meet the instructor regularly for confer-
nce and suggestion. Methods of work will be explained on consul-
ation with the instructor. Course 12 is open only to graduates and to
uch undergraduates as have completed groups A and B and are
ıaking a major of the English Language.

ENGLISH LITERATURE.

Literature is often taught in subordination to other than strictly
iterary purposes. It is used as a basis for instruction in grammar,
hetoric, or philology. It is not, however, the aim of this depart-
ıent to enter these allied and important fields, but to bring before
s students the history and spirit of our literature and the develop-
ıent of it as an art.

In the first course the character of the different periods and the
eneral aspects of the subject are presented, and as far as may be
very author who has made a distinct impression on our literature,
ither by his ideas or his style, is briefly discussed.

Suitable manuals will be used, and will be supplemented by the
se of histories, biographies, criticisms, and works of reference. In
onnection with the history of the chief authors treated, copious
elections from their works will be read. These selections will, as
ar as practicable, be complete masterpieces, or, in the case of works
oo long to be read entire, extracts intelligible in themselves, and
airly characteristic of the author's qualities of thought and style.
After the preliminary private reading, these selections will be dis-
ussed in the class-room. The recitations and discussions will be

supplemented by papers prepared by the students, and lectures by the professor.

This general historical course is preparatory to the various courses treating of special authors and periods. It is required of all candidates for the degree of Bachelor of Letters, and is repeated, with modifications, each year.

The other courses take up only great authors and representative works, and enter into fuller details.

FRENCH.

It is the aim of the department to give to the study of French a practical as well as disciplinary value, the three objects sought being the acquisition of the language as a tool, linguistic discipline, and literary culture. In all courses beyond the elementary, private reading supplements the class exercises, the recitation hour being given to the translation of more difficult authors, study of syntax, etymology, and idioms. Dictations, translation of English into French, and lectures on the language and literature complete the work.

In the more advanced courses original essays in French take the place of the weekly composition exercises. The private reading, so adapted to the student's progress as to be comparatively easy, is tested by examinations, oral and written, and represents about one fourth of the entire amount read. Much translation in class is done orally, the instructor reading, thus training the ear and aiding in the acquirement of a correct pronunciation. The constant aim is to make the language study a means to an end, that end being a broad knowledge of the history and literature of France.

The choice of texts is made as wide and varied as possible. In general terms, the amount will not be less than 700 duodecimo pages in course AA, and in more advanced courses from 1,200 to 1,400 pages, divided between prose, history, and fiction, and lyric and dramatic poetry. It is expected that by his second year of college work the student will be able to use the language in his studies in other departments.

In the more advanced work opportunity is given for the critical study of literary masterpieces. The courses are so arranged that a student pursuing French for three or more years can take up in turn every period of the literature from the mediæval to the modern.

In connection with courses C and D, work is given on the seminary plan, independent investigation on assigned topics being expected of each student.

GERMAN.

The ultimate end in view is a living penetration into the meaning and spirit of the great German writers through the medium of the language in which they wrote; this end is pursued in the way

believed to be best adapted to the needs of the American college student. Grammatical discipline and a general fluency in the use of the language are held to be subsidiary, though given due attention in their own place. From the beginning the living dramatic treatment of the material studied is emphasized. The language of instruction is prevailingly German; constant opportunity is offered to hear German lectures.

In the earlier courses a large amount of interesting reading is offered, joined with regular work in composition. Students are also taught to begin the use of German periodical literature relating to their special work. In the later courses more critical study is made of historical, artistic, and literary features.

The Greenleaf Library, containing several thousand volumes and dissertations relating to German literature, history, biography, and theology furnishes abundant material for original studies in various fields.

Under the direction of Assistant Professor Cohn, two large and active societies have been maintained, with increasing interest. The *Deutsche Gesellschaft* gives a somewhat popular literary, musical, or dramatic program bi-weekly; the *Litteratur-Verein* has monthly meetings of a more academic nature, at which addresses are delivered by Germans of literary eminence.

The study of the Gothic language, which lies at the base of Germanic philology, is recommended to students of historical grammar.

GEOLOGY.

Instruction in Geology is arranged in three courses. The first course includes the salient points of the whole field. Dynamical and Structural Geology occupies more than two thirds of the time. The prominent events of Historical Geology are treated in reference to kinds, succession, and geographical distribution of terranes, the growth of the North American continent, the elevation of mountains, and the succession of plant and animal life on the earth. Le Conte's Elements is the hand-book in this course.

In the other courses no one text-book is followed. The work is outlined in lectures which give topics for study and authorities for consultation. Much of the instruction is to individuals in the laboratory.

GREEK.

In selecting the authors to be read, the theory is followed that the student will make most progress in the mastery of the language when his attention is least absorbed in wrestling with difficult constructions. Care is also taken that the authors read present a broad view of the intellectual and literary life of the Greek people in the

successive stages of their development, and the endeavor is made to read every author in the light of contemporary political, intellectual, and moral movements. In the advanced classes the rhetorical and literary qualities of the authors in hand are made prominent.

Syntax is studied as far as it contributes to the elucidation of the thought, but time is not wasted on unprofitable distinctions and rare idioms.

In Greek A, special and separate attention is given to the mastery of a Greek vocabulary, that the student may not be utterly helpless without his lexicon, and that his time and attention may be available for other phases of the work. The writing of Greek is an essential part of the work in this course.

The work in Greek E consists of the writing of connected Greek prose. The selections for translation are made mostly from Sedgwick's Greek Prose Composition, parts I and II.

Greek F is a course of lectures, two hours per week throughout the year, on the life of the Ancient Greeks. Illustrations from their monuments, with the aid of photographs and the stereopticon, are used.

Greek J is a course in the Pauline Epistles in connection with passages in the Acts which relate to the history of the Apostle Paul. Some of the epistles are read critically in connection with introductory and exegetical lectures. Other epistles are read rapidly or are assigned for private reading. Students prepare analyses and other papers.

HEBREW.

The Old Testament literature is so fundamental in its relation to the New Testament, and its importance is so enhanced by recent criticism, that there is equal reason that a student who anticipates a theological training should be prepared beforehand in Hebrew and in Greek. The leading seminaries, while not requiring it as a condition of entrance, are urging it constantly upon the attention of students. Many are offering prizes for advanced standing, and all have classes arranged for the special benefit of those thus prepared.

The last decade has witnessed a great revival of interest in the study of Hebrew, and as a result the methods of instruction and the text-books employed have been greatly improved. The student is introduced at once to the study of the literature, and seeks by a thorough mastery of a sufficient portion of it to become familiar with the pronunciation, inflection, and details of vowel change and accent. He is thus prepared for wide reading in the historical books, and for a more comprehensive grasp of the fundamental laws of the language.

Harper's Method and Manual and the Hebrew Bible are used as text-books.

HISTORY.

This subject is regarded as embracing in its widest sense the entire social development of humanity. The state being a very important product of human development, and the lessons of experience in matters of government being of great importance to citizens of a republic, Political History receives particular attention. The condition of society in other respects is also to some extent considered, and one year-course is devoted to Church History alone.

In the general courses the subject is presented by means of text-books, lectures, and supplementary prescribed readings. Map-work, the preparation of bibliographies and essays, and the use of original sources are also to some extent required.

In the Seminaries each student investigates a special topic by means of original sources.

ITALIAN.

The chief object sought is a reading knowledge of the language. There is also a brief study of literature, more especially of Dante. A collection of works specially relating to Dante has recently been added to the library.

LATIN.

Candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy take Latin as a prescribed study in the first college year, and may continue it, as an elective, throughout the remaining three years. In the instruction, two objects principally are kept in view: the advantage, first, to be derived from the study of a language so fully developed as the Latin, and so closely related to the English and other modern tongues; second, the gain in broadened intelligence from acquaintance with an important body of literature, and from contact with the great national life of which the literature is a product and record.

The instruction rests chiefly on the reading and interpretation of representative writers. In the first part of the course sufficient time is taken for the review and fuller mastery of the forms and principles of the language. In dealing with the authors selected for reading, translation is valued as a proof that the thought is clearly apprehended, and as a discipline in adequate and idiomatic English expression; at the same time, it is desired that the ability be gained to read intelligently a Latin sentence in the form in which the original is cast, with the recognition of elements of thought and style likely to disappear in translation. The effort is made to gain for each work read appreciation of its place and quality as a product of literary art, and also of its significance as an expression of the mind and life of the age to which it belongs.

LAW.

Elementary Law.— It is believed that every person aspiring to a liberal education should have an opportunity to acquaint himself with the elementary principles of law, and the course is designed for this class of students, and is not simply for those who propose entering the legal profession, although the latter class are advised that this course will be of great advantage to them in affording that preparation for the subsequent studies of the law school which it is desirable that law students should possess before entering on the more technical study of law in a law school. The instruction is intended to explain the origin of law, the relation of statute law to customary law, the nature of legal rights and legal remedies, the elementary principles of the law of real and personal property, as well as of contracts and of crimes.

Constitutional Law.— The object of this course is to acquaint the student with the general principles of the Constitution of the United States, and to familiarize him with the origin and development of the Constitutional Law of this country. The instruction is intended to explain the relations which exist between the United States and the several states, the powers of the different departments of government, the civil and political rights of citizenship, and the various constitutional guaranties.

Comparative Constitutional Law.— The aim is to acquaint the student with the main distinctions which exist between the Constitution of the United States and those of the leading European nations, particular attention being paid to the Constitutions of England, France, and Germany.

International Law.— The instruction is intended to ground the student in the fundamental principles of Public International Law. It deals with the nature, sources, and history of International Law, as well as with the principles which regulate the relations and intercourse of nations in times of peace and of war, and it also treats of the condition of states which during war do not participate in the contest, but continue pacific intercourse with the belligerents. It is regarded as an important branch of general study, and worthy of the attention of those who seek a liberal education; and this course is shaped in the interest of this class, and is not intended simply for those who are destined for the legal profession.

Diplomacy.— The purpose is to acquaint the student with the rights and obligations of diplomacy, the immunities of diplomats, the principles regulating the exercise of the treaty-making power, as well as with a knowledge of the more important European treaties, and particularly with a knowledge of the treaties of the United States

and the most important portions of the diplomatic history of this country.

Roman Law.—The course in Roman Law is intended not only for students of Latin, but also for those who desire later to pursue studies in Modern Law or Comparative Jurisprudence. The first year's work is a study of the elements of Roman Law, based upon Morey's Outlines as a text-book, supplemented by lectures and collateral reading. In the second year the Institutes of Justinian are read, while certain portions of the Institutes of Gaius are studied for the proper understanding of the text.

MATHEMATICS.

In the statement of courses it will be seen that elective studies are offered in sufficient number to allow to the student who takes major work in this department a choice between two broad fields. He may choose Geometry and Mechanics, or he may select Algebra and pure Analysis. For example, a major course might comprise A, B, C, G, H, and K, or AB, BB, D, E, and G, while F and J should be added by those desirous of becoming proficient in the ordinary college Mathematics.

These courses are all so graded as to be adapted to undergraduates. Graduate students may elect such of them as they have not taken already; and for those sufficiently advanced, additional courses are provided, introductory to Modern Higher Algebra, Higher Plane Curves, Theory of Functions, Theory of Numbers, and Substitution Groups. The lecture method is employed largely in the higher undergraduate and in most graduate courses, and private conferences with the instructor accompany the reading of Monographs on special topics.

MINERALOGY AND PETROLOGY.

The object of the work of the department is, first, to present such of the facts and laws of the rock-world as may well be the property of every intelligent person; and, second, to prepare those who wish it for specialization in mineralogy, geology, and related subjects. The aim for intellectual discipline and the training of the observing and reasoning powers is assumed *a priori*. In all the work the laboratory occupies the chief place, as only by actual contact with the objects themselves and by personal experiment can vital and correct knowledge of the subject be attained.

An important though secondary place is given to the literature, and the student makes use of the best English, German, and French authors. In course F the field becomes the laboratory. In all the work the student keeps careful record of his observations. The formation of a collection is encouraged.

MORAL AND SOCIAL PHILOSOPHY.

As will be seen elsewhere, the courses in this department fall under the two headings of Ethics and Sociology. It would be well that students should take some work in Ethics before proceeding to Sociology, although the study of Sociology might also be approached from the side of (or in connection with) Philosophy or Political Economy, or History or Law. Ethics and Sociology are useful, not merely on account of the information they furnish about human conduct, and about the philosophy of social problems, but because of the help they give the student in relating his general and special studies to the moral and social life of the world of to-day. The work is conducted largely in accordance with a scheme unfolded in the class-lectures. A text-book is generally used, but in a very free way — merely as something that the student may have in his hands. The whole appeal is made to the free intelligence of the pupil, and the work is arranged so that any student may derive benefit from the course according to his particular needs and the amount of time at his disposal. This has been found essential, because the study of social philosophy (in particular) attracts different kinds of minds. Before the close of the work in Social Philosophy, excursions are made to the city and the suburbs of Chicago for the inspection and study of different social phenomena, and organs of social effort and reform.

MUSIC.

The theoretical study of music is an elective in the College of Liberal Arts. In regard to the practical study of music see under heading, "School of Music," in this catalogue.

Harmony.—The old system of studying harmony by means of figured basses has been abandoned. While it may perhaps meet the needs of specially gifted students, the fact remains that the system is mechanical. One may become very expert in working out its problems without grasping the real principles of harmonic progression, and be totally unable to harmonize a simple hymn-tune correctly. The most important results of the proper study of harmony are the following: the ability to recognize chords and chord progressions, thus identifying keys and modulations; the ability to modulate at the keyboard or on paper; the ability to harmonize melodies. Figured bass meets only the first of these satisfactorily, as the practical application of modulation and harmonization comes after harmony is completed.

The system used has been in part adopted from the ideas of more recent theorists, and in part evolved from the long experience in this field of the Professor of Music. From the moment the major

triad is reached the system is based on the harmonization of melodies, and this from a strictly musical and practical standpoint. The result is that at the end of the first term the student can satisfactorily harmonize a simple melody, and has something tangible for his pains. All new chords are at once applied from a harmonizing or a modulatory point of view, and the work at all stages is of the most practical character. The results of this system are a more interesting routine, a saving of time, and a working knowledge of real use and efficiency.

Musical Form.—This course includes elementary composition as well. Chants and hymn-tunes are first developed from given harmonic outlines, and later without assistance. Routine work follows in thematic development, accompaniments, and variations. The smaller cyclical forms are then taken up. The student with limited invention is assisted with skeleton forms containing thematic, harmonic, and cadential suggestions. However crude the results of this work may be from an artistic standpoint, the student gains a more comprehensive grasp of the principles of form than the mere analysis of the work of others can give him. The same plan is followed in the larger forms, with much collateral study of classical models.

Counterpoint, Canon, and Fugue.—The study of the strict forms is emphasized as a drill-work in intellectual activity and as an end in itself. It represents the scholarly side of musical attainments, and its study is essential to every earnest student. The difficulties are well systematized, much practical work being done at the blackboard.

Composition.—The inclination to original work is strongly encouraged, and when mechanical outlines and methods have been well mastered, originality, tempered with good judgment, is fostered. Through criticism, suggestion, and the study of the great masters, a facility of expression and a well-balanced taste is engendered.

NORWEGIAN-DANISH.

It is the aim of this department to give the student a reading knowledge of the language, and a general knowledge of the Norwegian-Danish Literature. To secure these results the student is taken through a course in grammar and elementary reading, after which he is required to study selections from representative authors. Much time is devoted to the study and interpretation of the poetical and dramatic writings of Isben, and to the "new literature" to which the writings of Björnson and Ibsen have given impulse.

PEDAGOGICS.

It is the aim of the lectures and recitations in Pedagogics to assist in the formation of just opinions on theories and methods of teaching and of school management.

The books selected for reading and criticism are adapted to quicken thought rather than to prescribe methods, to aid reflection rather than to "impose doctrines." The library of the college contains a considerable number of valuable treatises on Pedagogical topics, and the members of the class are guided in their consultation of this reference library.

PHILOSOPHY.

The scope of this department includes Psychology, Logic, and Philosophy proper, except Ethics, for which see page 87. Courses in other departments intimately related to Psychology and Philosophy are indicated on page 91.

Psychology is treated as one of the natural sciences. The method of study is calculated not only to acquaint the student with the elementary laws of the mental life, but also to train him in scientific observation and inference. Each member of the class keeps a permanent record of his observations and experiments. Students intending to take this work will find it to their advantage to be acquainted with one or more of the natural or physical sciences, particularly with the biological sciences.

The instruction in Logic aims to be both a mental gymnastic and a preparation for the study of philosophy proper. As far as practicable, the method is that of the laboratory. Daily written exercises upon assigned problems are required, and the corrected results are recorded in a permanent note-book.

In the course in the History of Philosophy, text-book and lectures are supplemented by rapid reading of selected masterpieces of philosophical literature. In addition, each student makes the more intimate acquaintance of some original source each term, and presents the results in a class-room dissertation.

The scientific point of view is retained in the lectures on Theory of Knowledge and Metaphysics. Students are not encouraged to speculate, but rather to carry through the analysis of experience with critical rigor. A limited amount of reading is required, and suggestions made as to optional courses of reading.

The lectures on the Philosophy of Religion are intended to meet the needs of students who have had no special training in philosophy, as well as to round out the other courses in this department. The reading of at least one book is required in connection with the lectures.

The Philosophical Seminary is an introduction to investigation. Admission to it implies the completion of an amount of philosophical study equivalent to the major requirement. The work is arranged to meet the needs of the individual student.

PHYSICS.

The lecture courses in Physics are designed to aid the student in clear thinking and close reasoning, as well as to acquaint him with a wide field of natural phenomena.

The laboratory courses are intended to teach the student method rather than methods. Most of the experiments assigned are such as to require reading and study on the part of the student before he comes to the laboratory. Each experiment is outlined when assigned, and references are given in which details of the experimental method in question may be found. Especial emphasis is given to the subjects, dynamics, light, and electricity. For the advanced student, much value is attached to the careful repetition of some piece of research as a method of training.

General Physics.—This course (A) is intended primarily for Freshmen and Sophomores, and requires only the elements of algebra and trigonometry.

Electricity.—It is not the aim of the department at present to offer any instruction in electric engineering as such. At the same time, the mathematical and experimental courses offered in this subject form the best possible basis for intelligently approaching the questions which arise in applied electricity.

Advanced Physics.—For these courses a good working knowledge of the calculus is indispensable.

POLITICAL ECONOMY.

The principal aims of this department are: First, to cultivate in the student the ability to reason correctly on economic topics; second, to familiarize his mind with a wide range of economic facts and theories, and to give him a correct view of the industrial and social world. A more special aim is to teach a limited number of students to carry on original investigation in the field of economics. With these ends in view the courses may be designated as theoretical, course A; descriptive, course C; courses at the same time both theoretical and descriptive, courses B and D; and courses for original investigation, course E. The work in course A is planned largely with a view to training. The course differs from one in philosophy principally in its subject-matter. It is therefore regarded as a preparation for any other course in the department, except course C. Course C occupies a unique place in the department. No previous training in Political Economy is required for admission

to this course. It is an attempt to unfold before the eyes of the student, in a systematic way and from an economic standpoint, a picture of the industrial world. In connection with each lecture specific reference to page and volume is given for collateral reading, and a moderate amount of written work is required throughout the year. The course is especially valuable to those whose special work lies in other than the social sciences and whose systematic reading in this field would otherwise be limited.

Courses B and D, differing only in subject-matter, are advanced courses for which course A is a preparation. However, while not descriptive in the sense that course C is, they are of a much more practical nature than course A, dealing much more largely with facts, each in its respective field. They occupy a middle ground, in method, material, and aim, between the two extremes represented by courses A and C.

Course E is open only to those who seem to the instructor able to strike out on original lines and add something to the sum of knowledge.

ZOÖLOGY.

The method of teaching is based on the belief that the most fundamental part of biological instruction is observation. In most of the courses offered, the time devoted to laboratory work is two or three times as much as that spent in the lecture-room. The laboratory work is supplemented by lectures, recitations, and collateral reading. Students are required to keep a careful record of their laboratory work, chiefly by means of drawings of the organisms studied, and also to write up their lecture-notes in permanent form.

In the laboratory the work deals with structure, but in the lectures and class-room the physiological side receives most attention under the conviction that the aim of the study is to understand the general nature of vital activities, rather than to stop with a knowledge of the structures by means of which they are carried on.

It is the aim of the department not only to inform students as to the structure and functions of organisms and the important generalizations of the science, but also to cultivate habits of patient observation, discriminating judgment and careful reasoning.

REGISTRATION.

The appointed registration days are the Tuesday and Wednesday preceding the first Monday of each term. On the registration days of the first term all students must register for the work of the whole year. On the registration days of the second and third terms all students must obtain from the

Registrar certificates of registration. All matters of registration must be completed by the evening of the Thursday preceding the first Monday of each term. A fee of $2.00 is charged for later registration. No credit will be given for work not regularly registered.

No one will be entered as candidate for a degree who has deficiencies in entrance work amounting to more than fifteen term-hours; and no student will be credited in the published lists of the catalogue with college work until these deficiencies are made up.

Required subjects take precedence in registration, in the order of their requirement.

Without special permission, no student may have at any time less than the equivalent of fifteen hours of work a week. Two hours of laboratory work will be credited as one hour.

Registration for more than fifteen hours is a privilege, subject to the approval of the Registration Committee, and it will not be granted unless it is clear that the student can carry his whole work creditably.

Entering students will be assigned to individual members of the faculty, whose advice they should seek concerning their college work, and such students are required to consult their advisers before they complete their registration.

ELECTIVES.

In making up his quota of time from elective work, the student may choose such courses as are open to him, subject to the regulations of each department; but having begun an elective year-course, he will be expected to continue it through the year, and may not change his registration without special permission.

At a date not later than the registration at the beginning of the third year, every candidate for the Bachelor's degree must elect at least one department in which to do *major work*. The specific courses constituting *major work* will be found mentioned under each department. They will involve from seven to fifteen year-hours given to work in the department,

and distributed over at least two years of the general programme. The election of the department for *major work* will enter into the registration of the third year. The professor at the head of the department becomes the student's adviser, and must approve the student's registration in writing.

Students are urgently advised to give careful thought to the planning of their elective work as early as the beginning of the second year. They will find it much to their advantage to devote the whole or a large part of their elective time in the second year to the *major subject.* The faculty consider that the privileges of extended elective work will be made more profitable to the student by adhering consistently to his plan for the year, than by changing it, in the hope of improvement, after it is begun. The student is urged to consult freely with his adviser in all that relates to his college work.

MEDICAL STUDIES.

Students who contemplate the study of medicine after graduation are advised during their undergraduate course to elect the following subjects:

Physics,	Chemistry,
Zoölogy,	German,

Botany.

Students registered in the College of Liberal Arts may elect studies in the Medical School of this University and have the same credited toward the one hundred and eighty term-hours required for the Bachelor's degree. But in no case can more than thirty term-hours be thus credited, neither can credit be thus granted for any subject for which the student has previously obtained credit in whole or in part in the College of Liberal Arts.

No time spent in the Medical School can be credited toward the year of residence in the College of Liberal Arts required of all candidates for the Bachelor's degree.

Credit for such studies is restricted to work done in the Medical School of this University.

Under the above provisions it is possible to obtain the Bachelor's degree and the degree in medicine in seven years.

LAW STUDIES.

Students who contemplate the study of law after graduation are advised during their undergraduate course to elect the following subjects:

Elementary Law,	Administrative Law,
Constitutional Law,	Roman Law,
International Law,	Diplomacy.

Students registered in the College of Liberal Arts may elect studies in the Law School of this University, and have the same credited toward the one hundred and eighty term-hours required for the Bachelor's degree. The conditions under which this may be done are similar to those above stated respecting Medical studies.

Under those provisions it is possible to obtain the Bachelor's degree and the degree in law in six years.

The Law Faculty will give credit, toward the degree in law, for work done in the College of Liberal Arts in the law studies above designated, the credit not to exceed three term-hours in any one subject.

THEOLOGICAL STUDIES.

Students who contemplate the study of theology after graduation are advised during their undergraduate course to make themselves proficient in Greek, Latin, and German. They are also advised to elect Philosophy, courses A and C, as well as Moral Philosophy, course A.

They are also advised that in the Theological Schools of this University they can shorten by one year the time required for the degree of Bachelor of Divinity by obtaining credit during their undergraduate course in the College of Liberal Arts in the following subjects: Hebrew, courses A and B; Greek, course J; and History, course L.

Full credit will be given for work done in the first term, and for work done in the second term the credit will be one and one half times the number of hours completed.

Credit in these courses cannot be counted toward the year

of residence in the College of Liberal Arts required of all candidates for the Bachelor's degree.

ABSENCES.

When, in any term, the number of his absences in a single subject exceeds one-eighth of the total number of required exercises in that subject, the student will be required to take, besides the regular examination, an additional examination in that subject on the last Tuesday of the term. In the third term this examination will be on the last Friday of the term.

When a student's absences in any study amount to one sixth of the total requirement in that study, the student's registration in the subject will be cancelled, and the privilege of examination denied. This rule is administered by the Committee on Records and Registration, which has power to restore the cancelled registration.

EXAMINATIONS AND RECORDS.

At the close of each term, examinations are held in the studies of the term, but any student may be excluded from examinations whose daily work has not been satisfactorily done. A *supplementary* examination for those who have failed in the work of any preceding term will be held in the forenoon of the opening day of each term.

No student may take more than one supplementary examination for the same item of credit.

Incomplete work not made good before the close of the next succeeding term shall be recorded as *failed.*

Students reported absent from regular examinations become subject to the rule concerning supplementary examinations. Those reported absent from a required *additional* examination are held to take that examination at the next date set for it, and no credit can be given until the examination is passed.

Undergraduates are not allowed credit for work done *in absentia.* Only those who have duly registered and regularly pursued their studies in their classes can be admitted to examinations.

CLASSIFICATION.

For the purpose of listing in the catalogue, the name of undergraduates are placed alphabetically in two groups under the headings: Candidates for the Bachelor's Degree, and Students not Candidates for a Degree. Opposite the name of each student in the first list is indicated the degree for which he is a candidate, and the number of term-hours of work successfully accomplished. These lists will be prepared from the Registrar's records as they stand on the evening of April 15th, but names of students who may enter after that time, and before the publication of the catalogue, will be included.

DEGREES.

BACHELOR'S DEGREE.

The Bachelor's degree in Arts, in Philosophy, in Science, or in Letters, is conferred on those who complete the corresponding course of study.

On or before the last Saturday in May, each resident student who proposes to take the Bachelor's degree at the close of the next succeeding college year shall file with the Registrar a petition to be recognized as a candidate for the specific degree desired. This petition must be made upon blank forms provided by the University.

To be recommended for the Bachelor's degree, a student must have been in residence at least one college year, and must have to his credit at least one hundred and eighty term-hours of college work; this must include all the work prescribed for the specified degree in the general programmes; it must also include the *major work* in at least one department.

Those who shall have to their credit not less than one hundred and fifty-six term-hours, including all the subjects prescribed for their degree except Philosophy B, and who therefore need not more than twenty-four term-hours in order to complete all the requirements for graduation, may, with the approval of the Registration Committee, register their excess of time, above the one hundred and eighty hours, in work of some one of the professional schools; but the total work, colle-

giate and professional, shall not exceed twenty hours a week. The professional work shall be subject to any conditions made by the faculty of the school concerned.

Those who shall devote their excess of time to the continuation of their major subject, or to such other advanced topics as may be approved by the Registration Committee, may have such work, if satisfactorily completed, credited toward the master's degree.

GRADUATE WORK.

To graduate students courses are offered in advanced work leading to the Master's degree, and to the degree of Doctor of Philosophy. All candidates, both resident and non-resident, before entering upon graduate work, and preliminary to the recognition of their candidacy, must make written application for enrollment to the Registrar, and furnish to him all data required for due record of their application. They must also obtain the written approval of the departments in which they propose to take work. This approval, with specification of the work to be done by the candidate, must be reported to the Registrar for record.

Graduates of this or other colleges, without becoming candidates for a degree, may, with the consent of the departments concerned, register as resident students in such advanced studies as they are found prepared to pursue.

MASTER'S DEGREE.

Graduates who have received from this University, or any other institution of like grade, the Bachelor's degree in Arts, Philosophy, Science, or Letters, may receive the corresponding Master's degree on the completion of approved courses of study equivalent in amount to forty-five term-hours.

Candidates who pursue this advanced study in residence at the University may receive the degree as early as one year after graduation. Those who do not pursue the study in residence may receive the degree not earlier than two years after graduation. A year of study in residence will be required of all can-

didates who have not received the Bachelor's degree from this University. The provision, "in residence," will require of all who are so enrolled an appointment for examination or conference as often as once a week with each of the instructors under whom their work is taken.

At least one half of the work offered for the Master's degree must be chosen from one or, at most, two departments of study in which the candidate has previously taken the undergraduate *major work*, or an equivalent. This advanced work will be known as the *primary subject*. The remainder of the work offered will be known as the *secondary subject*, and may be chosen from any department approved by the Faculty.

Registration, in case of resident candidates, must be effected at a date not later than the first Monday in October next preceding the date of the final examination. In case of non-resident candidates, it must be one year earlier.

Non-resident candidates must make a written report to the Faculty at least once a term as to the progress of their work.

The sufficiency of the work done will be finally tested by an examination held in Evanston on an appointed date, which will be about May 20th. A thesis will also be required on an approved topic pertaining to the primary subject. The thesis must be in the hands of the Registrar as early as the Saturday immediately preceding the last Monday in April.

Graduates of this University, or of any other institution of like grade, who are enrolled as candidates for the degree of Bachelor of Law or Doctor of Medicine in this University, or Bachelor of Divinity in the Garrett Biblical Institute, may also register in the College of Liberal Arts as candidates for the Master's degree. The degree will be conferred on the completion of eighteen term-hours of advanced work in an approved field of study, in addition to the completion of the maximum prescribed professional course. The sufficiency of the work done will be ascertained by an examination, following the presentation of a satisfactory thesis. Registration must be made not later than the beginning of the final year of the professional course. In regard to the topic of the thesis, the date

of its presentation, and the time of the examination, the same regulations will be observed as in the case of other candidates.

The privilege of becoming a candidate for the Master's degree, offered to students of the professional schools, is also open, under the same requirements, to graduates of those schools, provided registration be effected as early as the October next following the completion of their professional course.

DOCTOR'S DEGREE.

The degree of *Doctor of Philosophy* will be conferred under the following conditions:

1. The candidate must have received the degree of Bachelor of Arts, of Philosophy, of Science, or of Letters from this institution, or from one making equivalent requirements.

2. The time necessary to complete the prescribed work will vary. But in all cases at least two collegiate years, devoted exclusively to study in residence, will be required. Study for any specified time will not be regarded as sufficient ground for conferring the degree. High attainments in scholarship and evidence of original investigation will be expected. "In residence" will be interpreted as defined under Master's degree.

3. Two thirds of the candidate's time must be given to advanced work in some one department which shall constitute his primary subject. The remaining time must be given to not more than two secondary subjects. The requirement, "advanced work," will imply an amount of preliminary study in the given subject equivalent to at least the undergraduate "major work" of the department concerned.

A reading knowledge of French and German, as a preliminary qualification, will be required of all candidates. In exceptional cases an equivalent in Latin, Greek, or Hebrew may be accepted instead of French.

4. Before registration the candidate's qualifications and proposed courses of study must be approved by a committee consisting of the Committee on Graduate Studies and the

heads of the departments concerned. This approval shall be filed with the Registrar. The progress of the candidate will be tested from time to time by the instructors in charge, who will report thereon to the Faculty at least once a term.

5. Every candidate must present a thesis upon an approved topic pertaining to his primary subject. The thesis must give evidence of original investigation. A revised type-written copy must be presented to the Registrar as early as the Saturday next preceding the last Monday in April. If the thesis is approved the candidate must, within such time as shall be designated, present twenty-five printed copies of the thesis to the University Library. The final examination, which will be held about May 20th, will be both written and oral, and will cover the entire primary subject, including the topic of the thesis.

Each branch of the secondary subject may be completed whenever the candidate shall pass a satisfactory written examination upon it.

The following joint requirements have been made by the College of Liberal Arts and Garrett Biblical Institute for the attainment of the degree of Doctor of Philosophy by students in theology:

1. The candidate for the degree of Ph.D. must have completed a Bachelor's course equivalent to that required for the degree of Bachelor of Arts in Northwestern University, the sufficiency of which course will be determined by a joint committee of the Faculty of the Institute and the Faculty of Liberal Arts.

2. He must have completed two full years of theological study, either in the Garrett Biblical Institute or in another theological school of recognized high standing.

3. He must be accepted as a candidate for the degree of Ph.D. by a vote of the Faculty of the Institute, and be registered as a candidate for such degree with the Registrar of the College of Liberal Arts; after which he must continue in residence at least two years, and complete the work of two full years. Of this work two thirds must be taken in one department of the Institute,—the department in which the

candidate does his primary work. The remaining third may be taken in not more than two departments of the Institute, or of the graduate school of the College of Liberal Arts. The whole course of study selected will be subject to the approval of the Faculty of Liberal Arts, through its Committee on Graduate Study. During the two years of his residence the candidate will be subject to the direction of the head of the department in which his primary work is taken.

Of the four years required as a *minimum* for the degree of Ph.D., three at least must be spent in residence at a theological school of high standing, and the last two at Garrett Biblical Institute.

4. A reading knowledge of French and German, as a preliminary qualification, will be required of all candidates. In exceptional cases a reading knowledge of Latin, Hebrew, or Greek may be accepted in lieu of French, at the option of the Faculty of Liberal Arts.

5. *Thesis.* Each candidate must present a thesis prepared by him, upon some topic related to his primary subject. This thesis must give evidence of original investigation. A year prior to the final examination, the subject of the thesis must be approved by the professor under whom the primary work is performed, and three months before the final examination it must be submitted to him for criticism. After criticism it must be presented again in typewritten form, upon letter paper of a good quality, of the quarto size, with a margin of not less than one inch at the top, at the bottom, and on each side. If the thesis is approved the candidate must, within a time designated, present twenty-five printed copies to the University Library.

6. The final examination will be both written and oral, and will cover the entire primary subject, including the topic of the thesis. Each branch of the secondary subject may be completed whenever the candidate shall pass a satisfactory written examination upon it.

7. The College of Liberal Arts shall always be represented on the committees for examining theses and candidates.

8. Graduate students in the College of Liberal Arts will be admitted to the graduate courses in Garrett Biblical Institute free of charge for tuition or incidentals.

GROUNDS AND BUILDINGS.

The University Campus has an area of about forty-five acres, on the shore of Lake Michigan. Woman's Hall, the College Cottage, and Music Hall are distant from the Campus about five minutes' walk. University Hall, the Fayerweather Hall of Science, the Dearborn Observatory, the Gymnasium, the Dormitory, Heck Hall, Memorial Hall, Swift Hall, and the Orrington Lunt Library are all on the college grounds.

University Hall was erected in 1869. It contains the museums of anthropology, botany, geology, and zoölogy, the botanical and zoölogical laboratories, as well as a large number of lecture and recitation rooms. Adjoining the recitation rooms are the private offices of the professors. Here also is the office of the President of the University.

The Fayerweather Hall of Science, erected in 1886, was the gift of the late Mr. D. B. Fayerweather, of New York City. It is constructed of stone and red pressed brick, with terra cotta trimmings. The front is 130 feet, and the depth 60 feet. At the rear are two wings, extending 54 feet, inclosing a court 54 feet square. The whole building is divided into two departments, for chemistry and physics, separated by a fireproof wall reaching from the foundation to the roof. The building is heated with steam, and is thoroughly ventilated. It has the latest improvements and facilities for instruction in chemistry and physics.

The Dearborn Observatory was erected in 1888–89 through the generosity of Mr. James B. Hobbs of Chicago. Its length from north to south is 81 feet, and its greatest breadth is 71 feet. It is constructed of stone in the most substantial manner. The building includes a dome for the great Equatorial, a Meridian Circle room, Library, and eight additional

rooms for other purposes. The whole is arranged especially for convenience in carrying on astronomical work.

The Dearborn Observatory forms the astronomical department of the University. Its objects are to make original researches in astronomical science, to assist in the application of astronomy to geography, to communicate exact time, and to furnish instruction in astronomy to the students of the University, both those in the regular course and those who give special attention to the study.

The principal instruments of the Observatory are:

1. The great equatorial refracting telescope, made by Alvan Clark & Sons, of Cambridge, Massachusetts, in 1861. This instrument was the largest refractor in the world until a few years ago, and now has few superiors. The telescope is fitted with driving clock, micrometer, and other appliances necessary for first-class work. The dimensions of the Equatorial are:

Diameter of declination circle, 30 inches; reading by vernier to five minutes, and by two microscopes to ten seconds of arc.

Diameter of hour circle, 22 inches; reading by vernier to single minutes, and by microscopes to single seconds of time.

Focal length of telescope, 23 feet.

Aperture of object glass, 18½ inches.

2. A Meridian Circle of the first class, constructed in 1867, by Messrs. A. Repsold & Sons, of Hamburg. This instrument has an object glass of six French inches aperture, and a divided circle of forty inches diameter, reading by four microscopes. In plan of construction it is like Bessel's celebrated Königsberg circle by the same makers, but has some recent improvements in the mode of illuminating the field of view, together with apparatus for registering declinations. Hough's printing and recording chronographs are used for recording meridian observations and other phenomena.

The Observatory has a chronometer (William Bond & Son, No. 279), three mercurial pendulum clocks, and an astronomical library containing about one thousand three hundred volumes and pamphlets.

The Observatory will be open to visitors on Thursday evening of each week. Visitors may also be admitted at other times by making special arrangements with the President of the University, or the Director of the Observatory.

The Orrington Lunt Library Building was erected in 1893–94. Its erection was made possible by the gift of $50,000 from the gentleman whose name it bears, supplemented as it was by the gifts of other generous donors. The appearance of the building, in its proportions and architectural details, is noble and pleasing. The material used is Bedford limestone. The dimensions of the building are one hundred and sixty by fifty-six feet. The main floor contains the room for book storage, having a capacity of one about one hundred thousand volumes; the reading and reference room, and the offices of administration. On the second floor there is an auditorium of handsome finish, with seating capacity for about five hundred and thirty persons. On the same floor there is a large lecture-room, and other apartments for class, seminary, or office use. In the third story, which extends over the central section of the building, and in the well-lighted basement, there is a large accommodation of room, for either library or general University service. The building is heated by steam from a detached station. It is lighted throughout by gas.

Gymnasium.—This is a well-lighted two-story brick building. The basement contains dressing-room, lockers, baths, and a place for ball-throwing. The exercising-room is 40 by 80 feet, with a height of ceiling of 20 feet, unobstructed by pillars, leaving considerable space for the practice of indoor athletics. It is well supplied with light and heavy apparatus for general gymnastic and athletic exercise, together with such appliances as are necessary for the development of a symmetrical body. The director's office is on the main floor, and contains appliances for making physical examinations. The entire building is lighted by electricity.

The Dormitory, erected in 1890, is a substantial and attractive building, designed to accommodate a limited number of young men, at a moderate charge for rent. The rooms are, for the most part, in suites, consisting of a study and two well-lighted bed-rooms with wardrobes.

Memorial Hall, a handsome structure of pressed brick, was erected for the Garrett Biblical Institute, and dedicated in

May, 1887. The most attractive part of the interior, and the feature which gives the building its name, is the chapel, which has seating capacity for about 500. The windows at the ends of the room, and the apse, are adorned with elaborate designs in rich cathedral glass. The designs are in harmony with the idea of the "Memorial Hall," being in memory of deceased professors of the institute, and of others who have been well known for their interest in theological education.

The Annie May Swift Hall.—This building was erected during the years 1894–95, for the work in elocution and oratory. The style of architecture is Venetian. The lower part of the building is of rock-faced Lemont limestone, and the upper stories of buff-colored Roman brick and terra-cotta. The floor is of red tile. The building is heated by steam and lighted by both gas and electricity. It is named in memory of a deceased daughter of Mr. Gustavus F. Swift of Chicago, one of the trustees of the University, and the largest contributor for the erection of the structure. On the first floor is an auditorium, and reading and reception rooms. The second story is divided into fifteen rooms for private instruction. The floors and partitions are deadened by an improved system of construction.

Heck Hall, the dormitory of the theological students, was dedicated in July, 1867. It is built of Milwaukee brick, and is five stories in height. It is heated by steam and lighted by electricity.

Woman's Hall is constructed of brick, with stone trimmings, and is a large and elegant edifice. It accommodates 135 students, contains a chapel and other public rooms, but is chiefly devoted to private apartments for young women. Many of the rooms are in suites. They are of good size, well lighted and ventilated, and are, in an unusual degree, cheerful and attractive. The building is provided with fire escapes, and is heated by hot water.

The College Cottage.—It is a convenient and well-furnished home, constructed of pressed brick and stone, and affords

accommodation for about fifty young women. It is situated directly opposite Woman's Hall.

Music Hall is the latest addition to the buildings of the University. It is situated immediately north of Woman's Hall, a short distance west of the Campus. It is designed as a home for the School of Music, and was completed in time for occupancy during the spring term, 1897. It is substantially built of stone and brick, surmounted with a tile roofing, and finished in Georgia pine. The basement floor is intended for use as a gymnasium for all young women connected with the University. The floors being supported by trusses, a clear space of 40 by 80 feet, and 9 feet high, is available for this purpose. The first floor is divided into fourteen teaching and practice-rooms, including an office. The second floor contains three additional classrooms and a well-arranged concert-hall, seating over three hundred. The hall is provided with a large stage, dressing-rooms, a grand piano, and a two-manual pipe-organ with pedals.

LIBRARIES.

The Library of the College of Liberal Arts is housed in the new and commodious Orrington Lunt Library Building. It contains 33,068 volumes and about 20,000 unbound pamphlets. It is classified in two sections, the General Library and the Greenleaf Library.

The General Library, numbering 21,822 volumes, is designed to supply books appropriate to the several departments of study in the University, and also to furnish students with works of general reading and reference. The reading-room is provided with a varied selection of reviews and other periodicals, complete sets of many of which are placed on the shelves for reference.

The Greenleaf Library, the gift of the late Luther L. Greenleaf, Esq., contains 11,246 volumes, also a large and valuable collection of unbound discussions and monographs, chiefly publications of foreign universities and learned societies. It is unusually complete in the Greek and Latin

classics, every author being represented by the best editions from the earliest to a recent date. It contains also a choice selection of standard works in German and other modern languages. In the subjects of history, philosophy, theology, and the fine arts, there are many works of unique value.

The Orrington Lunt Library Fund, the gift of the gentleman whose name it bears, is set apart as an endowment for the purchase of books. The fund promises, as it becomes productive, to give the library large and permanent growth.

On payment of the regular term bills, every student is entitled to the privileges of the library.

During term-time the library hours are from 9 to 12 A. M. and from 1:30 to 5 P. M. In midwinter the afternoon time of closing is 5, except on Saturdays; throughout the year, on Saturdays, it is 4 o'clock.

The Library of the Garrett Biblical Institute, numbering 8,400 bound volumes, is at the service of students of the University. They have access also to the Evanston Public Library and to the great libraries of Chicago—the Chicago Public Library, the Newberry Library, the Crerar Library, and the Library of the Chicago Historical Society.

MUSEUMS.

MUSEUM OF ANTHROPOLOGY.

This comprises mainly collections in aboriginal archæology. Primitive ceramic art in this country is well represented by several hundred specimens from the mounds of Illinois, Wisconsin, Kentucky, and Missouri.

Primitive work in stone and copper is represented by large collections from various parts of the United States and from England. The Museum contains more than 7,000 specimens neatly arranged in cases in a department by themselves.

MUSEUM OF ARTS.

A large exhibition room in the Orrington Lunt Building has been handsomely fitted up by the University Guild for an art collection which the Guild has collected for the University. The Guild is an organization of two hundred women, who contemplate the ultimate erection of a museum building for the University, and who seek to

secure for it valuable works of art. The collection already secured is valued at several thousand dollars. A fine collection of pottery and porcelain has already been made, including handsome specimens of Doulton, Royal Worcester, Wedgwood, Coalport, Elton, Royal Berlin, Royal Copenhagen, Royal Vienna, Hungarian, Russian, Spanish, Royal Sévres, Limoges, Italian, Chinese, Delft, Rookwood, and Bulgarian ware. There are fifteen specimens of Doulton ware, including the famous Lambeth Faience Vase, which attracted so much attention at the Columbian Exposition. This vase is six feet three inches in height, and two feet six inches in diameter, and the duplicate of it was sold in England for $6,000. There are handsome specimens of French bronze and of Venetian and Bohemian glass. The collection also includes some fine plaster casts presented by the French government, as well as twenty busts of eminent scholars, and Thorwaldsen's Mercury, Venus, Hebe, and the Shepherdess.

The Art Museum is open to the public on Wednesday afternoons.

MUSEUM OF BOTANY.

The college herbarium is made up of gifts received from friends of the college and of collections made by students and instructors. It now contains about five thousand species. In includes collections made by Kennicott, from the Red River of the North; by Vasey from the Rocky Mountains; by Thomas and Bentley from Southern Illinois; by Mrs. Kidder from Brazil; collections from New England and New York, the Lake Superior region, and Cook County, Illinois.

The Henry H. Babcock herbarium, donated in 1887, by Mrs. Mary Keyes Babcock, is systematically arranged, handsomely provided for in substantial cherry cases, and contains ten thousand species from all quarters of the globe.

MUSEUM OF GEOLOGY.

This museum contains typical rocks from this country and from Europe. They exhibit the variations in structure and texture of the large groups of sedimentary, crystalline (metamorphic), and igneous rocks. They also show the rock formations in the geological column from the more ancient to the recent rocks.

The series of fossils, both of plants and of animals, are quite extensive, containing characteristic fossils of the different geologic periods. The collections which are especially valuable are: 1, Cretaceous and Tertiary fossils, the gift of the Smithsonian Institution; 2, Fossils and rocks from Illinois Geological Survey; 3, Niagara fossils from Chicago and Racine, some of which are type specimens; 4, Illinois Carboniferous flora, largely from Grundy County; 5, Miscellaneous, containing valuable specimens from many parts of the world. In addition the museum contains casts, models, charts, pho-

tographs, lantern slides, and maps. Taken as a whole this museum illustrates the natural history of the crust of the earth.

The museums of geology and mineralogy contain 21,000 specimens.

MUSEUM OF MINERALOGY AND LITHOLOGY.

The Mineralogical Museum contains specimens of most of the mineral species in such numbers as to well illustrate their characteristics and occurrence.

Besides those specimens which have been accumulating to the museum for several years are to be mentioned the Ayers loan-collection; additions from the Columbian Exposition, consisting chiefly of mass specimens and illustrations of economic ores; the Tyler collection, containing many crystals, notably good calcites; and a fine collection of azurites and malachites. Owing to want of space and cases, the museum is partly in University Hall and partly in Science Hall.

In the Lithological section are several hundred rock specimens from different parts of this country and from Europe.

MUSEUM OF ZOÖLOGY.

This museum contains (1) all (with few exceptions) the mammals, birds, reptiles, and batrachians indigenous to Illinois, (2) all the mammals and birds of the New South Wales exhibit at the Columbian Exposition. The kangaroos and lemurs, the platypus and the echidna the emu and the cassowary, the rifle-bird, the regent and the lyre-bird, and the apteryx from New Zealand, in all 450 specimens, make a very complete presentation of that strange fauna; (3) a series of birds and a series of corals from the Philippine Islands (it is thought that the species of cuckoos and parrots are complete for the locality); (4) a series of skeletons, mostly prepared by Ward, including the elephant, the whale, the American crocodile, and skeletons of birds and fishes; (5) miscellaneous (among the larger animals are the moose, the buffalo, the Virginia deer, the white bear, and the reindeer). There are birds from India, Central America, Brazil, British Guiana, Norway, and Russia. There is a collection of fifteen thousand marine and fresh-water shells. There is a large collection of fishes donated by the Smithsonian Institution; also fishes from Lake Michigan, prepared by Dr. Phillips. There are crustaceans, echinoderms, sponges, and a multitude of low forms of marine life, many of them collected by Prof. Wm. N. Rice of Middletown, Connecticut. This museum contains 30,000 specimens.

CHICAGO ACADEMY OF SCIENCES.

The extensive collections of the Chicago Academy of Sciences are, by special permission, readily accessible to all students of the University.

LABORATORIES.

BOTANICAL LABORATORY.

Provision is made for conducting the laboratory work of the botanical courses in three rooms on the third floor of University Hall. Tables, compound and dissecting microscopes, glassware, reagents and lockers are provided for each student. Microtomes, incubators, and sterilizing apparatus are provided for the advanced courses. For the work in vegetable physiology material is obtained from neighboring green-houses.

CHEMICAL LABORATORIES.

The accommodations of the Chemical Department in Science Hall include, on the main floor, a lecture-room, seating sixty; a preparation room; a laboratory for general chemistry and qualitative analysis, with forty-six tables; a laboratory for quantitative analysis, with twelve tables; a balance-room, the professor's office and private laboratory, and an assistant's room; in the basement, a general store-room, a mineralogical laboratory and collection-room, and a room with four tables equipped with special conveniences for water analysis.

GEOLOGICAL LABORATORY.

The Geological Laboratory consists of two rooms. One contains working-tables for students; cases containing typical collections of minerals, rocks, and fossils, models, drawings, and photographs, and a geological library. The other room is devoted to rough work, such as removing fossils from their matrix; slicing and polishing fossils to show their internal structure; reducing specimens of rocks to proper form for the shelves or drawers, and labeling and recording the accessions.

MINERALOGICAL LABORATORY.

In the basement of Science Hall is situated the Mineralogical Laboratory, which contains models, glass and wooden, and goniometers for the study of crystallography; a large collection of minerals, an economic collection, blow-pipe materials, rock-cutting machines, and a petrographical microscope, for students' use in mineralogy and petrology.

PHYSICAL LABORATORY.

The Department of Physics occupies thirteen rooms in Science Hall, excellently adapted to their purposes. It is fairly well equipped with modern instruments, especially in the departments of acoustics, electricity, and light.

Among rooms for special purposes may be mentioned a workshop in the basement, a room for work in spectroscopy, fitted with a

curved grating, a room for dyeing and developing photographic plates, a room for photographic enlargements, an iron-free room for magnetic work, a balance-room, a photometric-room, and several small rooms for individual work.

ZOÖLOGICAL LABORATORY.

Three rooms are occupied exclusively by the Department of Zoölogy—the general laboratory, the seminary room, which is also used as a department library, and a preparator's room. In the general laboratory, lockers, tables, and apparatus are provided for thirty-four students. The equipment consists of twenty-five excellent compound microscopes, several microtomes of the most recent make, dissecting microscopes and instruments, incubators, aquaria, glassware, reagents, and other apparatus necessary for elementary and advanced work in Zoölogy. The department is also supplied with a full set of Leuckart's Zoölogical charts and several sets of Ziegler's wax-models. The library facilities for work in Zoölogy have been increased by the addition of several important biological periodicals and by the purchase of a large number of books and monographs.

RELIGIOUS CULTURE.

The charter of the University provides that "no particular religious faith shall be required of those who become students of this institution." This University was not established with the view of forcing on the attention of students the creed of any particular church, but for the promotion of learning under Christian auspices, and to aid students in the formation of a manly Christian character. This continues to be its aim and purpose.

Students are expected to attend public worship on Sunday in such church as they may prefer. A chapel service is held at noon of each day, and undergraduates who are not specially excused are required to be present at three fifths of the chapel exercises of each term. The following regulations have been established by the Faculty respecting the non-observance of this requirement.

1. When a student's record of chapel attendance shows deficiency at the end of any term, one term-hour shall be added to the requirements for graduation of that student for every three credits needed to make good the deficiency. In applying this rule, a deficiency of only one or two credits shall be passed over to the next

term. In larger deficiencies, the excess above the highest multiple of three shall also be carried over.

2. When at the close of a term the chapel record of a student shows a surplus of chapel credits, the surplus credits shall be applied to cancel any term hours which may have been added to the requirements because of defective chapel record of any preceding term; and the surplus chapel credits not needed to remove such term-hours shall be transferred to the chapel record of the following term.

3. When a student's chapel record shows a deficiency of credits for two distinct terms which has not been removed by surplus credits in other terms, he shall not be permitted to register again until permission is obtained from the Faculty through the Committee on Chapel by petition.

The Committee on Chapel consists of Professors Baird, Crook, and Holgate.

Social religious meetings, conducted by the students, are held each week by the different classes.

A Young Men's Christian Association and a Young Women's Christian Association exist as distinct organizations, and exert a strong influence upon the religious life of the students.

A course of University sermons is given each year by representative preachers of the various evangelical churches.

The University preachers for the year 1896–97 were: the Rev. H. A. Cleveland, D.D., of Mankato, Minnesota; the Rev. George Elliott, D.D., of Philadelphia, Pennsylvania; the Rev. S. G. McPherson, D.D., of Chicago.

PHYSICAL CULTURE.

The Gymnasium is under the immediate supervision of a competent Director, who gives his entire time to the class and individual instruction of students of both sexes. Each student, upon entering the gymnasium, may, if he so desires, be measured and thoroughly examined physically; his health, strength, muscular development, physical defects, etc., will be carefully noted. From these data a special course of exercises, based on scientific principles, will be prescribed to meet his individual needs.

It is the purpose of the Director of this department to offer

to each student such advice and prescribe such exercises as will give increased health, strength, and symmetry of body.

ATHLETICS.

The University has provided large athletic grounds and has been at considerable expense in preparing them for use. In addition, the alumni and students have erected a covered grand-stand which provides seats for about seven hundred persons.

The trustees of the University have adopted the following statutes:

A committee for the regulation of athletic sports shall hereafter be annually appointed and chosen as follows: Three members of the University Faculties and three Alumni of the University, these six to be appointed by the executive committee; and also three undergraduates to be chosen during the first week of the College of Liberal Arts year by the Athletic Association.

The committee shall have entire supervision and control of all athletic exercises within and without the precincts of the University, subject to the authority of the Faculty of the College of Liberal Arts.

In accordance with this action, a Committee for the Regulation of Athletic Sports has been created, and has adopted the following regulations:

1. No one shall participate in any intercollegiate game or athletic sport unless he be a *bona fide* student, doing full work in a regular or special course, as defined in the curriculum of his college; and no person who has participated in any intercollegiate game as a member of any college team shall be permitted to participate in any game as a member of another college team until he has been a matriculant in such college, under the above conditions, for a period of one year, or has obtained a college academic degree.

2. No person shall be admitted to any intercollegiate contest who receives any gift, remuneration, or pay for his services on the college team.

3. No student shall play on the teams of any college or colleges for more than four years in the aggregate unless he shall have secured a degree, in which case he may play two additional years, provided he be a candidate for a second degree.

4. No student shall participate in any intercollegiate contest who has ever used or is using his knowledge of athletics or his athletic

skill for gain. No person who receives any compensation from the University for services rendered by way of regular instruction shall be allowed to play on any team.

5. No student shall play under an assumed name.

6. No student shall be permitted to participate in any intercollegiate contest who is found by the Faculty to be delinquent in his studies.

7. All intercollegiate games shall be played on grounds either owned by, or under the immediate control of, one or both of the colleges participating in the contest, and all intercollegiate games shall be played under student or college management, and not under the control of any other corporation, association, or private individual.

8. The election of managers and captains in each college shall be subject to the approval of its committee on athletics.

9. College football teams shall play only with teams representing educational institutions.

10. Before every intercollegiate contest, the respective chairmen of the athletics committees of the institutions concerned shall submit to each other a certified list of players eligible, under the rules adopted, to participate in said contest. It shall be the duty of the captains of the respective teams to exclude from the contest all players save those so certified.

11. Athletic committees shall require each candidate for a team to represent the University in intercollegiate contests to subscribe to a statement that he is eligible under the letter and spirit of the rules adopted.

12. No person having been a member of any college athletic team during any year, and having been in attendance less than *one college half-year*, shall be permitted to play in any intercollegiate contest thereafter until he shall have been in attendance six consecutive calendar months.

13. No schedule of games shall be fixed without the approval of the Committee for the Regulation of Athletic Sports. No additional dates for games shall be accepted without the approval of the chairman of said committee.

14. The selection of players for any team shall be subject to the approval of the Committee for the Regulation of Athletic Sports. And, in order to provide proper information on which to act, every student desiring to play on any team shall fill out a blank prepared by the committee. To this certificate shall be appended a certificate signed by the physical director, attesting the applicant's physical fitness for membership in the team proposed.

15. No students of the departments situated at Evanston, and no

member of any University football or baseball team, shall, during term time, without the permission of the Committee for the Regulation of Athletic Sports, play on any like team not connected with the University.

The Committee for the Regulation of Athletic Sports for the current year consists of the following members: Professors Clark, Young, and White; Messrs. F. B. Dyche, A.B., '80; C. P. Wheeler, A.M., '76; F. D. Raymond, A.B., '72; A. C. Larsen, F. H. Haller, and R. E. Wilson.

LITERARY AND SCIENTIFIC SOCIETIES.

The following societies and clubs meet regularly for purposes of literary culture or for the advancement of knowledge in special fields: Hinman Literary Society, Science Club, Die Deutsche Gesellschaft, Der Deutsch Litteratur Verein, Botanical Club, Zoölogical Journal Club, Mineralogical Journal Club, Coffee Club, Historical Association, Good Government Club.

MUSICAL ORGANIZATIONS.

Student musical organizations, such as glee, banjo, or mandolin clubs, are under the supervision of a Faculty Committee appointed for that purpose. The chairman of the committee is to be informed of the intended organization of any such association, with its proposed plans, purpose, and membership. No formal organization is permitted without the knowledge and sanction of the committee. It is especially necessary that the business managers of such organizations make no final arrangements for public appearances of the clubs without the consent of the committee. Under no circumstances will concert dates be permitted to interfere with examinations, or to interrupt study routine. Students with defective standing are not allowed to be connected with such organizations. The Committee on Musical Organizations consists of Professors Lutkin, Caldwell, and Crook.

THE UNIVERSITY SETTLEMENT.

An association, composed of alumni and friends of the University, maintains at 252 Chicago Avenue, Chicago, the Northwestern University Settlement. The object, like that of Oxford House and Toynbee Hall in London, the Andover House in Boston, and the several settlements in New York, is the sharing of the life of the poor by University men and women. College graduates and others reside in the settlement house and seek to influence the surrounding community as members of it. Opportunity is also offered to undergraduates for philanthropic work and practical acquaintance with sociological problems. The plan includes classes for instruction, clubs for social improvement, a reading-room, lectures, concerts, house-to-house visitation, and legal and medical dispensaries. The expenses are met by membership subscriptions and voluntary contributions.

FELLOWSHIPS AND SCHOLARSHIPS.

Fellowships.—The University has established for the year 1895–96 three fellowships of four hundred dollars each.

These fellowships are offered in the departments of Chemistry, Physics, and Zoology, for the purpose of encouraging advanced study in the branches named. The period of incumbency is limited to one academic year, which must be spent at this University, and the incumbents are required to give limited assistance in the work of instruction.

State Scholarships.—The University has established fifty-one State scholarships, one for each senatorial district in the state of Illinois. The holder of one of these scholarships is entitled to free tuition during the period of undergraduate study in the College of Liberal Arts. A state senator has the privilege of nominating a person of either sex as a candidate for the scholarship to which his district is entitled, and to the person so nominated will be awarded the scholarship, provided the Faculty of the College of Liberal Arts is satisfied that this person possesses the qualifications required for admission to

one of the regular courses in the College, and it appears that the following conditions exist:

1. That at the time of the nomination the scholarship was not held by some other person to whom it had been previously duly awarded.

2. That the person nominated has been a resident of the senatorial district from which he is nominated, for at least one year prior to the making of the nomination.

3. That the nominee has attended school within the state of Illinois for at least six months during the year immediately preceding the appointment.

In every case a person nominated to a scholarship must pass the preliminary examinations required for admission to the College, unless he is a graduate of some high school which is on the accredited list of the University. The person nominated should present himself at the examination held in June.

The Methodist Episcopal Church Scholarship.—A scholarship yielding annually the interest on one thousand dollars has been founded by the First Methodist Episcopal Church of Evanston, for the benefit of meritorious students.

The Chicago Times-Herald Scholarship.—A scholarship, the gift of The Chicago Times-Herald, which affords free tuition and incidental expenses, is each term awarded by the Faculty.

Marcy Scholarship in Biology.—A table has been secured at the Marine Biological Laboratory, Wood's Hole, Massachusetts, for the sole use of advanced students from the biological departments of the College of Liberal Arts. The occupants of this table will be entitled each season to all the privileges of the laboratory, including instruction, lectures, and the use of appliances and apparatus. The appointments to the scholarship will be made in June.

PRIZES.

The following prizes, offered to the students in the College of Liberal Arts, are open only to students who are candidates for a degree. No successful contestant can become a second time a competitor for the same prize. No person will be

allowed to compete for any prize against whom, at the time for appointing contestants, unredeemed failures are recorded in more than one department of study.

The Kirk Prize in Oratory.—A prize of one hundred dollars, the gift of Mr. John B. Kirk, will be awarded each year to the member of the graduating class who excels in original oratory. The conditions on which the award will be made are as follows:

1. Five contestants will be appointed by the Faculty, and announcement of the appointments will be made the first Friday in May.

2. These appointments will be made on the basis of the rhetorical work done during the last three years of the undergraduate course—equal weight being given to the following records: (1) English A; (2) English B; (3) Elocution B; (4) Elocution C; (5) Orations of the fall and winter terms of the year of graduation; (6) The Oration of the spring term of the same year.

3. At this contest no prompting of the speakers will be allowed, and failure of memory will exclude a competitor from consideration in the assignment of the prize.

4. The award will be made by a committee appointed by the Faculty, but composed of persons who are not members of the Faculty. The decision will be announced at Commencement.

The Harris Prize in Political and Social Science.—A prize of one hundred dollars, the gift of Mr. Norman W. Harris, will be awarded to the writer of the best essay on an assigned topic in the department of Political and Social Science. The subject assigned for the year 1896–97 is: "The Relations of the Town, County, and City Governments in Cook County, Illinois." For the year 1897–98 the subject will be "The Street Railway Systems of Chicago: their History and Present Condition." The conditions on which the prize will be awarded are stated below.

The Dewey Prize in Political and Social Science.—A prize of one hundred dollars, the gift of Mr. David B. Dewey, will be awarded to the writer of the best essay on an assigned topic in the department of Political and Social Science. The subject assigned for the year 1896–97 is: "A Study of Methods of Electing Members of the Representative Assemblies, To-

gether with a History of Minority Representation in Illinois." The subject assigned for the year 1897–98 is: "The Office of Mayor in the United States, Considered Historically and Theoretically." The conditions on which the Harris and Dewey prizes will be awarded are as follows:

1. No undergraduate student will be allowed to compete for a prize in this department unless he shall have completed at the time of making the award the equivalent of courses A and C in Political Economy.

2. Essays offered in competition for either of these prizes must contain not less than 10,000 words, and must be either printed or typewritten. If typewritten, they must be on letter paper of a good quality, of the quarto size, with a margin of not less than one inch at the top, at the bottom, and on each side, so that they may be bound without injury to the writing. On the title page of each essay must be written an assumed name, and under cover with the essay must be sent a sealed letter containing the true name of the writer and superscribed with his assumed name.

3. The copies of all essays submitted for these prizes become the property of the college library, and any essay receiving a prize shall have indorsed upon it a certificate of that fact.

4. Each year the essays submitted for either of these prizes must be deposited with the Registrar of the Faculty before 12 o'clock noon on May 1st.

5. The Faculty will appoint three judges of the essays offered in competition for each prize, and the prize shall be awarded to the essay declared by two of the judges to be the best; *provided*, that the University expressly reserves the right to make no award of either one of these prizes in any year in which the best essay offered for that prize shall, in the opinion of a majority of the judges, not be of sufficient merit to deserve a prize.

The Gage Prize in Extemporaneous Speaking.—A prize of forty dollars, the gift of Mr. Lyman J. Gage, will be given to the student who excels in Extemporaneous Speaking.

1. At the first regular Faculty meeting of the winter term the Faculty will appoint four contestants for the Gage Debate Prize, the choice being made on the basis of the work which those eligible shall then have done in the two departments of Elocution and the English Language.

2. To be eligible for this appointment a student (1) must be a candidate for a degree; (2) must have a credit with the Registrar of at least fifty (50) hours; (3) must have completed Elocution B and

English Language A, and must have completed or be taking English Language B.

3. The debate will be held on the first Friday evening of the spring term.

4. The order in which the contestants, on either side, are to be called, shall be determined by lot, publicly drawn at the time of the debate. Each competitor will be called twice, and will be allowed to speak ten minutes on the first call and the same length of time on the second.

The Shaffer Prize in Declamation.—Two prizes of fifty and twenty-five dollars, respectively, the gift of Mr. Shaffer, will be given to the students who shall excel in declamation.

1. Six candidates will be appointed by the Faculty, the selection being confined to students who have completed not less than 75 hours of college work, Elocution B included.

2. The announcement of the contestants for 1897 will be made on October 7, 1896, and the contest will occur on the evening of January 15, 1897.

3. In the competition for the first prize the declaimer's choice is not limited, but the second prize will be given only for a forensic address, poetic and dramatic selection being excluded. In no case may a declamation exceed fifteen minutes in its delivery.

4. At this contest no prompting of the speakers will be allowed, and a failure of memory will exclude a competitor from consideration in the assignment of the prize.

5. The award will be made by a committee appointed by the Faculty, but composed of persons who are not members of that body, and the announcement of the result will be made at Commencement.

EXPENSES.

In Undergraduate Courses.—Undergraduate students pay a tuition fee of $15.00, and an incidental fee of $8.00, making a total of $23.00 a term, or $69.00 a year. The sons and daughters of ministers, as well as students who are preparing for the Christian ministry, and are properly recommended, pay $12.00 a term, or $36.00 a year.

An additional fee of $2.00 is required of all students who do not complete their registration on the days appointed.

Students entering the College of Liberal Arts for the first time pay an entrance fee of $5.00.

A diploma fee of $8.00 is paid by all students at graduation.

Students taking work in the zoölogical laboratory make a special deposit of $5.00 at the beginning of each term, for materials, and for the use and breakage of apparatus.

Students pursuing work in the chemical laboratory pay the following laboratory fees: Chemistry A, $5.00 per term; Chemistry B, $8.00 first term, and $5.00 each for second and third terms; Chemistry C, $6.00 per term; Chemistry D, $6.00 per term. Unexpended balances will be returned at the end of the year to students in both the chemical and zoölogical laboratories.

Students pursuing a single study pay a fee of $12.00 a term, except those who are preparing for the ministry, or who are the children of ministers, in which case the fee is $8.00 a term.

In Graduate Courses. — Resident students in advanced studies pay a fee of $10.00 a term. Non-resident students pay a fee of $10.00 at the time of their registration, and on the presentation of their thesis preparatory to their final examination they pay a fee of $20.00.

Students whose undergraduate work was not pursued in this institution pay an entrance fee of $5.00 at the time of registration.

A diploma fee of $10.00 is paid by resident and non-resident students alike.

Graduates in the professional schools, seeking the Master's degree under the provision stated on page 116, pay $10.00 for diploma. An entrance fee of $5.00 is also required if the candidate's undergraduate work was not pursued in this institution.

Graduates taking work in the chemical or zoölogical laboratories make a deposit similar to that required of students in the undergraduate courses, and unexpended balances will be returned.

LIVING EXPENDITURES.

The following table exhibits the scale of annual expenditure in the undergraduate courses:

	Low.	Average.	Liberal.
Tuition and incidental fees	$69	$69	$69
Board (36 weeks)	90	135	162
Room	32	72	100
Washing	18	25	35
Text-books and stationery	10	18	35

Students living in Woman's Hall pay for room and board from $5.50 to $6.00 a week, according to the desirability of the room. Students in the College Cottage pay for room and board $38.50 the first term, $30.25 the second term, and $30.25 the third term. The figures given for Woman's Hall and the College Cottage include a furnished room, light, fuel, and the washing of twelve plain pieces. The occupants of the rooms furnish their own bed-clothing, pillows, and towels.

PAYMENT OF COLLEGE BILLS.

Payment of tuition and incidental fees will be required in advance at the beginning of each term. Students who are unable to pay in advance must call on the Business Agent and state the case to him, and the President and Treasurer will, as a committee, consider and decide on the application.

No tuition or incidental fees will be refunded except in case of sickness. In this event, if the student will procure from the President an excuse from attendance, and also from a physician a certificate of inability to remain in attendance, half of the amount paid will be refunded, if application is made before the middle of the term.

Students in Woman's Hall and those in the College Cottage pay their room and board bills one half in advance and the other half at the middle of term. No deduction is made for absence in any part of the term, except in cases of protracted illness.

LOAN FUNDS.

The University receives annually a considerable sum of money, to be loaned without interest to necessitous and deserving students who are preparing for the ministry, or for other forms of Christian work. Loans from this fund are available to students without distinction of sex.

A Woman's Loan Fund, contributed by interested friends and guarded with prudent restrictions, frequently enables the Woman's Educational Aid Association to be of special service to students in advanced classes, who, without timely aid, would be obliged to leave college before finishing a chosen course of study. The valuable assistance already rendered by the fund should commend it to friends of the University who may be able to increase it by donation or bequest. For further information on the subject, address Mrs. Joseph Cummings, Chairman Loan Fund Committee, No. 1838 Chicago avenue, Evanston.

SELF-SUPPORT OF STUDENTS.

Numerous inquiries are addressed to the authorities of the University by persons desirous of carrying on collegiate studies, but who are without adequate funds to enable them to defray their expenses, asking whether the institution furnishes to students means of employment which will enable them to support themselves wholly or in part while engaged in the prosecution of their studies. It is proper to say that the University does not undertake to furnish employment to any student, and it does not encourage students to matriculate who are entirely without resources. It happens each year that not a few students are able to aid themselves very materially by their labor while carrying on their studies, but the student is obliged to rely on his ability, industry, and character in all such cases. As the opportunities for employment are not offered by the University, they must be sought for by the students themselves.

For further information in regard to the College of Liberal Arts, address the President of the University, Evanston, Ill.

THE MEDICAL SCHOOL,

2421–2431 Dearborn Street, Chicago.

Henry Wade Rogers, LL.D., *President*,
1958 Sheridan Road, Evanston.

Nathan Smith Davis, A.M., M.D., LL.D., - 65 Randolph St.
Dean, Emeritus Professor of Principles and Practice of Medicine, and of Clinical Medicine.

Edward O. F. Roler, A.M., M.D., - Lexington Hotel.
Professor Emeritus of Obstetrics.

John Hamilcar Hollister, A.M., M.D., - 36 Washington St.
Professor Emeritus of Clinical Medicine.

Edmund Andrews, A.M., M.D., LL.D., - - 65 Randolph St.
Professor of Clinical Surgery.

Ralph Nelson Isham, A.M., M.D., - - 321 Dearborn Ave.
Professor of Surgery and Clinical Surgery.

Samuel J. Jones, A.M., M.D., LL.D., - - 100 State St.
Professor of Ophthalmology and Otology.

Marcus Patten Hatfield, A.M., M.D., Columbus Memorial Bldg.
Professor of Diseases of Children.

John Harper Long, M.S., Sc.D., - - 7748 Sangamon St.
Professor of Chemistry, and Director of the Chemical Laboratories.

Emilius Clark Dudley, A.M., M.D., - 1617 Indiana Ave.
Professor of Gynecology.

John Edwin Owens, M.D., - - - 1806 Michigan Ave.
Professor of Surgery and Clinical Surgery.

Frederick Christian Schaefer, M.D., - - 70 State St.
Professor of Clinical Surgery.

William Evans Casselberry, M.D., - - 34 Washington St.
Professor of Laryngology and Rhinology,

Nathan Smith Davis, Jr., A.M., M.D., - - 65 Randolph St.
Professor of Principles and Practice of Medicine, and of Clinical Medicine, and Secretary of the Faculty.

Frank Seward Johnson, A.M., M.D., - 2521 Prairie Ave.
Professor of Pathology and Pathological Anatomy.

Frank Billings, M.S., M.D., - - - 100 State St.
Professor of the Principles and Practice of Medicine, and of Clinical Medicine.

EDWARD WYLLYS ANDREWS, A.M., M.D., - 65 Randolph St.
Professor of Clinical Surgery.

FRANK TAYLOR ANDREWS, A.M., M.D., - - 65 Randolph St.
Professor of Clinical Gynecology.

GEORGE WASHINGTON WEBSTER, M.D., - - 70 State St.
Professor of Physical Diagnosis.

JOSEPH ZEISLER, M.D., - - - - 125 State St.
Professor of Skin and Venereal Diseases.

ELBERT WING, A.M., M.D., - - - 55 Thirty-third St.
Professor of Nervous Diseases.

WILLIAM EDWARD MORGAN, M.D., - - 34 E. Twenty-ninth St.
Professor of Surgical Anatomy and Operative Surgery, and Lecturer on Clinical Surgery.

HORACE MANN STARKEY, M.D., - - - 70 State St.
Professor of Clinical Ophthalmology and Otology.

HENRY GRADLE, M.D., - - - - 100 State St.
Professor of Ophthalmology and Otology.

ARCHIBALD CHURCH, M.D., - - - 805 Pullman Bldg.
Professor of Mental Diseases and Medical Jurisprudence.

JOHN RIDLON, A.M., M.D., - - - - Columbus Bldg.
Professor of Orthopedic Surgery.

THOMAS BENTON SWARTZ, A.M., M.D., - 77 Thirty-ninth St.
Professor of Anatomy.

CHRISTIAN FENGER, M.D., - - - 269 LaSalle Ave.
Professor of Surgery and Clinical Surgery.

JOHN DAVIS KALES, M.D., - - - 65 Randolph St.
Professor of General Etiology and Hygiene.

JOHN LEEMING, M.D., - - - 3541 Indiana Ave.
Professor of Materia Medica.

WINFIELD SCOTT HALL, A.M., M.D., Ph.D., - 2431 Dearborn St.
(*N. S. Davis Professorship.*)
Professor of Physiology.

WALTER HEYDOCK ALLPORT, M.D., - - 85 Rush St.
Professor of Descriptive Anatomy.

ARTHUR ROBIN EDWARDS, A.M., M.D., - 2818 Indiana Ave.
Professor of Therapeutics.

WELLER VAN HOOK, A.B., M.D., - - - 103 State St.
Professor of Surgery.

FRANK BURNETT DAINS, M.S., - - - 2421 Dearborn St.
Assistant Professor of Chemistry.

JOSEPH BOLIVAR DE LEE, M.D., - - 3318 Indiana Ave.
Lecturer on Operative Obstetrics.

JUNIUS CLARKSON HOAG, A.M., M.D., - - 4320 Lake Ave.
Lecturer on Obstetrics.

INSTRUCTORS.

SAMUEL CRAIG PLUMMER, A.M., M.D., - 4304 Lake Ave.
Demonstrator of Operative Surgery, and Instructor in Clinical Surgery.

EDWARD CRANE MILLER, M.D., - - 3035 South Park Ave.
Demonstrator of Anatomy.

STANLEY PATTERSON BLACK, Ph.B., M.D., - 2343 Calumet Ave.
Instructor in Practical Medicine.

OTTO LEOPOLD SCHMIDT, M.D., - - - Schiller Bldg.
Instructor in Practical Medicine.

FRANCIS XAVIER WALLS, M.D., - - - 103 State St.
Director of the Histological and Pathological Laboratories and Instructor in Practical Medicine.

GEORGE SNOW ISHAM, A.M., M.D., - 34 Washington St.
Clinical Assistant to the Chair of Surgery.

ALBERT EDWARD HALSTEAD, M.D., - - - 103 State St.
Instructor in Surgery and in Clinical Surgery.

ISAAC ARTHUR ABT, M.D., - - - 3505 Indiana Ave.
Demonstrator of Physiology, and Clinical Instructor in Diseases of Children.

JOHN COLUMBUS COOK, M.D., - - - 131 Fifty-third St
Clinical Instructor in Diseases of Children.

CHARLES HOWARD LODOR, A.M., M.D., - 3136 Indiana Ave.
Lecturer on Electro-Therapeutics, and Clinical Instructor in Neurology.

ISAAC DONALDSON RAWLINGS, M.S., M.D., - - 100 State St.
Demonstrator of Bacteriology, and Instructor in Clinical Medicine.

THOMAS JAMES WATKINS, M.D., - - 93 E. Eighteenth St.
Clinical Instructor in Gynecology.

WILLIAM HENRY RUMPF, M.D., - - 2006 Indiana Ave.
Clinical Assistant in Gynecology.

FREDERICK MENGE, M.D., - - - 154 Forty-second St.
Clinical Instructor in Laryngology and Rhinology.

HENRY PERCIVAL WOLEY, A.B., M.D., - 3202 Rhodes Ave.
Clinical Assistant in Orthopedic Surgery.

CHARLES HENDERSON MILLER, Ph.G., - 2421 Dearborn St.
Instructor in Chemistry.

WILLIAM EDWARD SCHROEDER, M.D., - 4323 Prairie Ave.
Instructor in Surgery and in Clinical Surgery.

WILLIAM ALFRED MANN, M.D., - - 70 State St.
Instructor in Clinical Ophthalmology and Otology.

HUGH T. PATRICK, M.D., - - - 465 La Salle Ave.
Instructor in Clinical Neurology.

PHILO LEON HOLLAND, M.D., Twenty-second St. and Wabash Ave.
Instructor in Clinical Neurology.

JOSEPH BARNES BACON, M.D., - - - 34 Washington St.
Instructor in Clinical Gynecology.

ALBERT BELCHAM KEYES, M.D., - - 30 Walton Pl.
Instructor in Clinical Medicine.

ROBERT BRUCE PREBLE, A.B., M.D., - - 1907 Deming Ct.
Instructor in Clinical Medicine and General Pathology.

HENRY WILLIAM CHENEY, M.D., - - 372 E. Sixty-third St.
Instructor in Anatomy.

CHARLES FREDERICK WEIR, M.S., M.D., - 6300 Stewart Ave.
Instructor in Anatomy and in Clinical Gynecology.

HENRY WERNICKE GENTLES, M.D., - 153 E. Fifty-third St.
Instructor in Clinical Medicine.

WILLIAM HESSERT, M.D., - - - 100 State St.
Instructor in Clinical Medicine.

OTTO BUDDE, M. D., - - - - 3100 State St.
Clinical Assistant in Laryngology.

PETER THOMAS BURNS, M.D., - - - 531 S. Leavitt St.
First Assistant Demonstrator of Anatomy.

GERRET JOHN HAGENS, M.D., - - 6058 S. Halsted St.
Assistant Demonstrator of Anatomy.

DANIEL WESTON ROGERS, A.B., M.D., - - 2200 Michigan Boul.
Instructor in Clinical Surgery and Diseases of Children.

ANDREW JACKSON BRISLEN, M.D., - - 614 E. Forty-sixth St.
Assistant Demonstrator of Anatomy and Instructor in Clinical Surgery.

GEORGE PAUL MARQUIS, A.B., M.D., - - 219 Ontario St.
Assistant Demonstrator of Operative Surgery and Instructor in Clinical Surgery.

HERMAN DURAND PETERSON, M.D., - 93 E. Eighteenth St.
Assistant Instructor in Clinical Gynecology.

EDWARD P. CARLTON, B.S., - - - 2431 Dearborn St.
Assistant Demonstrator of Histology.

ALFRED MARVIN HALL, A.M., M.D., - 70 State St.
Instructor in Clinical Ophthalmology and Otology.

LUCIUS CROCKER PARDEE, M.D., - - 34 Washington St.
Clinical Instructor in Dermatology and Syphilology.

WILFRED D. D. HERRIMAN, M.D., C.M., - 6311 Woodlawn Ave.
Instructor in Clinical Medicine.

ROBERT WILLIAM CARROLL, M.D., C.M., - 4702 Grand Boul.
Instructor in Clinical Medicine.

FRANK MARION KINDIG, M.D., - - 2136 Indiana Ave.
Clinical Instructor in Diseases of Children.

WILLIAM KILBOURNE JAQUES Ph.M., M.D., - 4334 Ellis av.
Instructor in Physiology.
JOHN LE ROY VAN VALKENBURG, M.D., - 4001 Drexel Boul.
AMOS RUFUS SOLENBERGER, Ph.D., M.D., - 34 Washington St.
Clinical Instructor in Laryngology and Rhinology.
JOHN LINCOLN PORTER, M.D., - · - 103 State St.
Clinical Instructor in Orthopedic Surgery.
JOHN LEGGETT MILLER, B.S., M.D., - - 35 E. Twenty-second St.
Instructor in Clinical Medicine.
THOMAS PALMER FINDLEY, B.S., M.D., - 2136 Indiana Ave.
Instructor in Clinical Gynecology.
ROBERT HATFIELD HARVEY, M.D., - -
Curator of the Museum.
HIRAM PORTER HENDRICKS, *Clerk*,
2431 Dearborn St. (College Building).

This Medical School is entitled to the credit of having been the pioneer in the advancement of medical education in this country. It was the first school to take these three most important steps, viz.: the enforcement of a standard of preliminary education; adoption of longer annual courses of medical college instruction; the graded curriculum, by which a definite number of branches are assigned to each year in such natural order that the mastery of one group makes the mastery of the next easier, and accomplishment of the whole more comprehensive and complete.

In the year 1859 the trustees of Lind University of Chicago organized a medical school as a department of that University. Financial misfortunes befell Lind University, and it was deemed wise that the medical school should effect an entirely independent organization. Accordingly, in 1864, it was organized anew, under the name of the Chicago Medical College. It thus existed until 1869 when it was united with Northwestern University, retaining, however, its old name of Chicago Medical College until 1891, when that name was changed to Northwestern University Medical School.

In 1890 William Deering gave $20,000 towards the purchase of the land on which the schools of Medicine and Pharmacy are located. In 1894 the same generous benefactor of the University endowed the N. S. Davis Professorship of Physiology. In 1893 Dr. Ephraim Ingals gave the Medical School $10,000 to aid the construction of the Laboratory Building.

BUILDINGS.

THE LABORATORY BUILDING is situated in Dearborn street, between Twenty-fourth and Twenty-fifth streets; has a frontage of 110 feet, and a depth of 105 feet; is five stories above the basement, and is constructed of cut stone and brick, with terra-cotta trimmings, and internal finishing of the best materials and workmanship.

On the *first* floor are the Amphitheater, Anatomical Museum, and Laboratory of Physiology and Biology. On the *second* floor are the Museums of Botany and Pharmacognosy, the Pharmaceutical and Dispensing Laboratories. On the *third* floor are large laboratories of Normal and Pathological Histology and Bacteriology, with three smaller rooms for original research. These rooms are equipped with desks, lockers for microscopes, and all necessary apparatus. A large lecture-room, room for chemical and physical apparatus, and private laboratory of the Professor of Chemistry, are on the same floor. On the *fourth* floor, one half of the entire space is occupied by a chemical laboratory for students' practical work, and the other half by the laboratory of Physiological Chemistry, with smaller rooms for advanced or original work. On the *fifth* floor is a large dissecting-room, a room for demonstrating surgical operations, and three smaller rooms for special dissections.

The Museum of the College is furnished with preparations and specimens illustrative of normal, pathological, and comparative anatomy, and materia medica.

DAVIS HALL stands beside the Laboratory Building. It was erected in the summer of 1893.

On its first floor are offices and faculty rooms, a large amphitheater, an apothecary's room, an examination room for the director of the dispensary, and a suite of rooms for the use of the medical, surgical, orthopedic, and skin departments of the dispensary.

On the second floor there are a smaller amphitheater, and suites of rooms especially arranged and equipped for the departments of Laryngology, Otology, Ophthalmology, Gynecology, Nervous, and Children's Diseases.

On the third floor are the library, reading-room, lecture-room, and rooms for patients who have been operated on at the college.

ALUMNI LIBRARY.

The Alumni Library of about twenty-five hundred volumes, has been acquired by purchase, by donations from the late Dr.

F. P. Peck, mother of the late Dr. G. W. Jones, and from students and members of the faculty. It is on the third floor of Davis Hall. The library is open from 10 to 3 daily, and is under the immediate care of Miss May T. Hillan, Librarian. The gross profits on the sale of all college text-books made at the library are devoted to its increase and care.

REQUIREMENTS FOR ADMISSION.

Applicants for admission must present diplomas or certificates from colleges, schools of science, accredited academies, or high-schools, or sustain an examination in the following subjects, which are the same as are required for admission to the College of Liberal Arts of this University.

1. English Language.
2. English Literature.
3. Mathematics,—
   - *a.* Algebra, through Radicals and Quadratics.
   - *b.* Geometry, Plane and Solid.
4. Physiology (Martin's Human Body).
5. Geography.
6. History,—
   - *a.* United States History.
   - *b.* Smith's Smaller History of Greece.
   - *c.* Allen's History of Rome; or,
   - *d.* Myers' General History.
7. Physics.
8. Two of the following subjects:
   - *a.* Botany; *b.* Zoölogy; *c.* Astronomy; *d.* Geology; *e.* Chemistry; *f.* History of England; *g.* Fisk's Civil Government.
9. Latin,—The subjects covered in three years of study.
10. Either the subjects covered in two years of
    - *a.* Greek; or *b.* German; or *c.* French; or one year of German and French.

NOTE.—For part of the Latin and Greek, two-years' work in French, or German, higher mathematics, physics, chemistry, or biology may be substituted.

For more detailed information in regard to these examinations, apply to the secretary.

Students conditioned in entrance requirements must make up these conditions before the beginning of the second year. If they

do not they cannot be admitted as regular students to the second-year course.

Exceptions. Special students not candidates for the degree of doctor of medicine will be admitted without the presentation of diplomas and without the examinations mentioned above.

PREPARATORY MEDICAL COURSE.

Many colleges and universities offer either definitely arranged courses preparatory to medicine, or a wide range of elective studies in Chemistry, Physics, and the Biological Sciences.

Students who contemplate studying medicine are strongly advised to pursue in one of these institutions a course which shall include the following branches:

Physics, - -	150 hours.	Chemistry, - -	200 hours
General Biology,	100 hours.	Botany, - -	100 hours.
Zoölogy, - - -	100 hours.	German, - - -	150 hours.

At least one-half of the time in each of these courses, except in German, should be devoted to laboratory work.

ADMISSION TO ADVANCED STANDING.

Students who have pursued in another institution the following First Year Medical Course, or any part of it, will be admitted to advanced standing in the subject covered by their official credentials. The professors of the several departments represented will pass upon the evidence presented by the student, and have the power to require an examination if the certificates are not satisfactory:

Anatomy, 150 Recitation Periods, including 50 Periods of Laboratory work.

Physiology, 150 Recitation Periods, including 30 Periods of Laboratory work.

Chemistry, 200 Recitation Periods, including 100 Periods of Laboratory work.

Histology, 100 Recitation Periods, including 60 Periods of Laboratory work.

Embryology, 50 Recitation Periods, including 40 Periods of Laboratory work.

Materia Medica, 80 Recitation Periods, including 16 periods in Pharmacognosy.

Students from other medical schools who apply for advanced standing must pass examinations in all of the branches which they do not take in this school, and furnish to the secretary certificates of having done satisfactory work in some other reputable college for one, two, or three years, according as they wish to enter the second, third, or fourth year class in this school.

Candidates for advanced standing must present their certificates to the respective professors at the time of the October examinations or earlier.

METHODS OF INSTRUCTION.

Instruction is given by Recitations; Laboratory Exercises; Demonstrations; Illustrated Lectures, supplementing the standard text-books; Colloquia or Conferences, in which students and professor informally discuss announced topics; Clinics, (1) Hospital or College clinics which are attended by twenty to sixty students, (2) Dispensary clinics where six to twelve students receive individual instruction and practice in all phases of physical examination, diagnosis, and treatment.

SPECIAL ELECTIVE AND SEMINAR WORK.

A few optional courses are offered to small classes of students, to whom special laboratory and clinical instruction will be given. Each Seminar meets at least once in two weeks for reading and discussion of papers prepared by the students. In some of these courses a fee will be charged each student for material used by him.

THE COURSE OF STUDY.

Each student is expected to take at least twenty recitation periods per week throughout the course. Two hours in clinics or a laboratory, or one hour of recitation, lecture, colloquium, or demonstration will be counted as one recitation period.

DEPARTMENTS.

The work in each department is arranged in chronological order, and in every case begins with the fundamental or general, and passes to the more advanced or special. The student is supposed to take the courses in the order enumerated, though some deviation from this rule may be allowed in certain cases, approved by the faculty.

I. DEPARTMENT OF CHEMISTRY.

The Chemical Laboratories are commodious, well lighted, well ventilated, and thoroughly modern in arrangement and equipment. Besides a large laboratory for General Chemistry and Toxicology, there is a laboratory of Physiological Chemistry, with accommodations for seventy-two men; there are several smaller laboratories for demonstrations and for special work.

1st Yr. (a) General and Inorganic Chemistry. Lectures and Demonstrations. 3 per wk. 1⅓ Semesters.

Professor LONG, assisted by Mr. MILLER.

(b) Organic Chemistry. Lectures and Demonstrations. 3 per wk. ⅔ Semester.

Professor LONG.

Roscoe's Lessons in Elementary Chemistry is used as a text, and abundant demonstrations of all important principles are made on the lecture-table.

(c) Chemistry Laboratory work. 3 Periods per wk. 1st Yr. In the laboratory work of the first year the text followed is Long's Elementary Course in Experimental and Analytical Chemistry, and the student is supplied with all apparatus and materials necessary for properly performing over 200 experiments before undertaking the systematic work of Qualitative Analysis.

Professors LONG, DAINS, and Messrs. MILLER and PAGELSEN.

2nd Yr. (d) Physiological Chemistry. Lectures and Demonstrations. 1 per wk.

Professor LONG, assisted by Mr. MILLER.

In the first half of the second year the class meets once a week for a lecture or recitation in chemical physiology, the instruction given being largely in explanation of the

principles involved in the laboratory work carried on at the same time. Attention is given also to a discussion of organic compounds of physiological importance not fully considered in the course of the first year. Through the second half of the first year the class is occupied mainly with a discussion of the principles of urine analysis. This course is parallel to the practical one in the laboratory.

(e) Physiological Chemistry, Laboratory. 2 Periods per wk. Professor LONG, Mr. MILLER, and Mr. PAGELSEN.

In the second-year laboratory work the students use Long's Manual of Elementary Chemical Physiology and Urine Analysis as a text, and have supplied to them everything required in completing thoroughly all the exercises described in this book.

In order to demonstrate the construction and application of certain kinds of apparatus, more perfectly than is possible in a large lecture-room, the second-year class is divided into small sections, which meet at proper times for work with the spectroscope, spectrometer, hæmometer, and polariscope. The demonstrations with the polariscope and spectrometer are carried out in the dark-room. The college is supplied with the most perfect apparatus made for use in this work.

(f) Electricity. Lectures and Demonstrations. 1 per wk. ½ Semester. Professor LONG.

Special Courses and Demonstrations. During the last part of the second year eight or ten lectures, with demonstrations, are given on the subject of practical electricity. This work is intended to make the student familiar with the construction and use of batteries, the measurement of currents and resistances, and the important physical, chemical and physiological effects of the current.

(g) Chemical Physiology (elective), 2 Laboratory Periods per wk. 1 Semester. Professor LONG.

In addition to the above the student is offered facilities for advanced or original investigation in several lines of Chemical Physiology. Arrangements for such elective work are made by application to the executive committee and the professor in charge.

II. DEPARTMENT OF ANATOMY.

The department of Anatomy is provided with an Osteological Museum and Laboratory, with a good collection of

material and models in the General Museum, and with large, well-lighted dissecting-rooms, fitted with approved appliances. The Anatomical material is preserved in a refrigerator. The following courses are given:

1st Yr. (a) Mammalian Morphology. Lectures and Demonstrations.

(b) Dissection of Typical Mammals. 3 Laboratory Periods per wk. ¼ Semester.

Professor ALLPORT and assistants.

In courses a and b type-forms of mammals are carefully dissected and the comparative anatomy especially emphasized. Each student is required to present a prepared skeleton of one of the higher vertebrates,—a human fœtus, if possible,—with a thesis on the skeleton from the standpoint of Comparative Osteology.

(c) Human Osteology. Lectures and Demonstrations. 2 per wk. ¾ Semester. Professor ALLPORT.

(d) Regional Anatomy. Lectures and Demonstrations. 2 per wk. 1 Semester. Professor ALLPORT.

(e) The Circulatory System. Recitations. 1 per wk. 1½ Semesters. Doctor WEIR.

(f) The Spinal Nerves. Recitations. 1 per wk. ½ Semester. Doctor CHENEY.

(g) Human Dissections. 5 Laboratory Periods per wk. ¼ or ½ Semester.

Doctor MILLER and five assistants.

First-year students are not admitted to this course until they have completed the subject of Osteology, This course comprises the dissection of an arm or leg, or both, and the student is required to demonstrate to the instructor 120 points on each part.

2d Yr. (III e) Microscopical Anatomy of the Spinal Cord and Brain. 2 Laboratory Periods per wk. ½ Semester.

Professor SWARTZ and Mr. CARLTON.

(j) Neurology: Gross and Minute Anatomy of Brain and Spinal Cord, with especial reference to functional anatomy of tracts and spinal areas. Lectures and Demonstrations. 2 per wk. ½ Semester.

Professor SWARTZ.

(k) Splanchnology: Gross Anatomy of Thoracic and Abdominal Cavities and the organs contained therein. Lectures and Demonstrations. 2 per wk. ½ Semester.

Professor SWARTZ.

(l) The Genito-Urinary System. Lectures and Demonstrations. 2 per wk. ½ Semester. Professor SWARTZ.

(m) The Cranial Nerves and the Organs of the Special Senses. Recitations. 1 per wk. 1 Semester.
Doctor CHENEY.

(n) Human Dissections. 5 Laboratory Periods per wk. ½ or ¼ Semester.
Doctor MILLER and assistants.

Second-year students dissect the head and neck, and arm or leg, if only one of these latter was dissected the first year. Each student must dissect and demonstrate 120 points on each part.

3d Yr. (o) Human Dissections (elective to students who have dissected the arm, leg, and head). Thorax and Abdomen, with Viscera. Doctor MILLER and assistants.

III. DEPARTMENT OF HISTOLOGY AND EMBRYOLOGY.

The Laboratory is commodious and well lighted. Each student has the use of a microscope and of all general apparatus. Each student has ample practice in all phases of Histological and Embryological technique: Injection, Hardening, Staining, Cutting, Mounting, etc. Free-hand drawing of all typical tissues mounted is required of each student.

1st Yr. (a) Embryology, Histogenesis, and Organogenesis. Lectures and Demonstrations. 1 per wk.
Professor HALL.

(b) Histology, General and Special. Laboratory. 2 Periods per wk. 1½ Semesters.
Mr. CARLTON.

(c) General and Special Histology. Recitations. 1 hr. per wk. Professor HALL and Mr. CARLTON.

(d) Embryology. Laboratory work. 2 Periods per wk. ½ Semester. Mr. CARLTON.

2d Yr. (e) Microscopical Anatomy of the Spinal Cord and Brain. 2 Laboratory Periods per week. ½ Semester.
2d, 3d & Professor SWARTZ and Mr. CARLTON.

4th Yrs. (f) Special Problems in Histology and Embryology. (Elective.) 2 Laboratory Periods per wk. 1 Semester.
Doctor WALLS and Mr. CARLTON.

IV. DEPARTMENT OF PHYSIOLOGY.

This department has recently been fully equipped. There is a general laboratory forty feet by seventy feet, two special laboratories, an instrument-room, and a library. The library

covers Physiology and related subjects, and is accessible to students of the department. The total equipment of the department has cost several thousand dollars. Each student either performs for himself or assists in performing each experiment.

1st Yr. (a) General Physiology, including Cellular Biology and the General Physiology of Muscle and Nerve-tissue. Lectures and Demonstrations. 2 per wk. ¾ Semester.
Professor HALL.

(b) Special Physiology. The Physiology of Nutrition. Lectures and Demonstrations. 2 per wk. 1¼ Semesters.
Professor HALL.

(c) Special Physiology. Recitations. 1 per wk., beginning November 1st. Dr. JAQUES.

(d) Laboratory Work on Muscle-nerve Physiology and Physiology of Circulatory and Respiratory Systems. 3 hrs. per wk. Professor HALL and assistants.

2nd Yr. (e) Special Physiology of Absorption, Metabolism, and Excretion. Lectures and Demonstrations. 2 per wk. ½ Semester. Professor HALL.

(f) The Physiology of the Muscular System and of Special Muscular Organs. Lectures and Demonstrations. 2 per wk. ¼ Semester. Professor HALL.

(g) The Physiology of the Special Senses. Lectures and Demonstrations. 1 per wk. 1 Semester.
Professor HALL.

(h) The Physiology of Reproduction. Lectures and Recitations. 1 per wk. ½ Semester.
Professor HALL.

(j) The Physiology of the Spinal Cord and Brain. Lectures and Recitations. 1 per wk. 1 Semester.
Dr. ABT.

(VI c) Pharmacology (see Course VI c). Laboratory work. 3 hrs. per wk. ½ Semester.
Professor HALL and Dr. RICHTER.

(k) The Eye—Dissection, Refraction, Retinoscopy (elective). Laboratory work. 2 hrs. per wk. ½ Semester.
Professor W. S. HALL and Dr. A. M. HALL.

3d and 4th Yrs. (l) Medical Anthropometry (Elective). 4 3-hr. periods.

(m) Physiological Psychology (Elective). 4 3-hr. periods.
Professor HALL.

V. DEPARTMENT OF HYGIENE AND ETIOLOGY.

2nd Yr. General Hygiene and Etiology.

(a) Classification of the Causes of Disease.

(b) Bacteria and their Relations to Diseases.

(c) Hygiene—General and Personal.

Lectures. 2 per wk. 1 Semester. Professor KALES.

VI. DEPARTMENT OF MATERIA MEDICA AND THERAPEUTICS.

The work in this department is required in the first and second years. Special courses may be elected in the third and fourth years.

1st Yr. (a) Materia Medica. Recitations. 2 per wk. 1 Semester. Professor LEEMING.

(b) Pharmacognosy and Pharmacy. 1 Laboratory Period per wk. 1 Semester. Mr. MILLER and Mr. STURM.
This course is given in the Physiologic Chemical Laboratory, and consists in an examination of all the important crude drugs, and in making the simple pharmaceutical preparations.

2nd Yr. (c) Pharmacology. 3 hrs. per week. ½ Semester.
This course is given in the Physiological Laboratory by Professor HALL and Dr. RICHTER.

(d) Therapeutics. Lectures. 2 per wk. Professor EDWARDS.

(e) Pharmacy. Assistant in Drug Department of South Side Free Dispensary. 48 hours' work under the supervision of Mr. HOPKINS.

3d and 4th Yrs. (f) Electro-Diagnosis and Electro-Therapeutics (Elective). Laboratory and Clinical Work. 1 hr. per week. ½ Semester. Dr. LODOR.
The Electrical Laboratory, equipped by Mrs. P. S. Hayes, is fitted with all the appliances for Galvanism, Faradism, the Direct Static Current, Static Induced and Sinusoidal Currents, and the more serviceable adaptations for therapeutic purposes of the 110-volt current.

VII. DEPARTMENT OF PATHOLOGY AND BACTERIOLOGY.

The newly-equipped laboratories give excellent facilities for instruction in Pathological Histology and Bacteriology. Students take the laboratory work in sections and receive

individual aid in the art of staining, mounting, and examining a large variety of pathological tissues and bacteria. Leitz Microscopes, a microtome, and a liberal supply of imported apparatus make the outfit complete. All students are required to make culture media, to isolate the several varieties of bacteria from a mixed culture: in other words, to acquire the elements of bacteriological technique. A large collection of pathogenic and non-pathogenic varieties of bacteria are kept on hand. The laboratory is open for advanced work to a limited number of students and physicians.

2d Yr. (a) Principles of General Pathology. Recitations. 2 hrs. per wk. 1½ Semester. Doctor PREBLE.

(b) Pathological Histology. Laboratory Work. 3 hrs. daily for 5½ weeks. Doctor WALLS.

(c) Surgical Pathology. Laboratory Work. 3 hrs. daily. 2½ wks. Doctor WALLS.

(d) Bacteriology. Laboratory Work. 6 Periods per wk. ½ Semester. Doctor RAWLINGS.

(e) Principles of Bacteriology. Recitations. 2 hrs. per wk. ½ Semester. Doctor RAWLINGS.

3d Yr. (f) Special Pathology. Lectures and Demonstrations. Professor JOHNSON.

(g) Post-mortem Examinations. At least three complete autopsies are made before the whole class. The object of these demonstrations is to make the student familiar with the technique of the autopsy, both for medical and for medico-legal purposes. The autopsies of Mercy Hospital, St. Luke's Hospital, and Cook County Hospital are open to all students of the third and fourth years.

4th Yr. (h) Clinical Pathology: Surgical and Medical, Microscopic and Chemical (Elective). Mercy Hospital Laboratory. 16 Laboratory Periods. Doctor BLACK.

The Mercy Hospital laboratory is situated in a commodious room with light on three sides and immediately adjoining the clinical amphitheater. The room is fully supplied with working tables and all needful chemicals and apparatus for the examination of urine, stomach contents, and other excretions and secretions of the human body; and with microscopes, microtomes, hæmometers, hæmocytometers, centrifuges, etc., for the examination of tissues removed at operations and

autopsies, the examination of the blood and urinary sediment, etc.; also with a full equipment of steralizers, incubators, microscopes, and other necessary apparatus for the study of bacteria. A dark room adjoins the laboratory, for developing photographic negatives. The cameras necessary for taking pictures are also at hand. There is a complete apparatus for the production of shadowgraphs by means of the Roentgen X rays. This aparatus is under the immediate supervision of Dr. James Burrey.

(i) Surgical Pathology (Elective). 16 Laboratory Periods. Professor FENGER and Doctor SCHROEDER.

(j) Special Advanced Work in Bacteriology (Elective). Doctor RAWLINGS.

VIII. DEPARTMENT OF PHYSICAL DIAGNOSIS.

The work of this department comprises didactic lectures, Practice in Physical Examinations of the Normal Body, Physical Diagnosis Clinics, and Special Elective Work in which students read and discuss theses on assigned cases which have been under observation for at least four weeks.

2d Yr. (a) Theory and Practice of Physical Diagnosis. Lectures. 2 per wk. 1½ Semester. Professor WEBSTER.

(b) Physical Examination of Normal Body. Laboratory Work. 1 Period per wk. ½ Semester. Professor WEBSTER.

(c) Physical Diagnosis Clinic. Professor WEBSTER. In course c cases chosen from the large Dispensary Clinics are brought before the class and are presented with especial reference to diagnosis. Each student is expected to keep a record of cases presented, to group and co-ordinate all cases of the same class, and to present, at the end of the year, the notes, with a thesis on some one group of cases.

4th Yr. (d) Differential Diagnosis (Elective), Clinical, Library, and Seminar Work. 16 Periods. Professor WEBSTER.

IX. DEPARTMENT OF OBSTETRICS.

The clinical material of the Mercy Hospital, and of the College, is used by the students, and is abundant. The Chicago Lying-in Hospital Dispensary offers services of two to four weeks to senior students, and in vacation, to junior stu-

dents. The material here is very abundant, and pathological cases are frequent. The labors are conducted in the houses of the patients under the direction of the assisting physician. Dr. De Lee has charge of the Dispensary, and will deliver special lectures there on Practical Obstetrics during the summer months. Each student has here an opportunity of attending from six to twelve deliveries.

3d Yr. (a) The Physiology of Pregnancy, Labor, and the Puerparium. 2 Recitations per wk. 1½ Semester. Doctor HOAG.

(b) The Care and Treatment of the Infant. 2 Recitations per wk. ½ Semester. Doctor HOAG.

(c) Demonstrations on the manikin and cadaver. Doctor HOAG and assistants.

4th Yr. (d) The Pathology of Pregnancy, Labor, and the Puerparium. 1 Lecture per wk. Doctor DE LEE.

(e) Demonstrations on the manikin and cadaver. 16 exercises. Doctor DE LEE and assistants.

The principal obstetrical operations are performed by senior students in groups of five on the manikin with actual fœtuses, under the supervision of the Demonstrator.

(f) Students of both the third and fourth year classes attend labors conducted by the lecturers in the college amphitheater. Attendance on at least four labors is necessary for graduation.

X. DEPARTMENT OF DERMATOLOGY AND SYPHILOLOGY.

The clinical material is very abundant in the more common skin diseases, such as eczema, psoriasis, and various forms of acne and diseases due to animal and vegetable parasites, and in the herpetic, pemphigoid, and various other eruptions. The subject of syphilis is exhaustively treated as far as the general pathology and treatment are concerned. The syphilides and affections of the mucous membranes are covered in detail, while affections of the internal organs and the nervous system are left to other departments. The clinical material is carefully selected for the clinical lectures, and is intended to illustrate them. The feature of these demonstrations is the training of the student in the diagnosis under the supervision of the Professor.

3d Yr. (a) Dermatology, Syphilology, and Gonorrhea. Lectures and Demonstrations. 2 Periods per wk. 1 Semester.
Professor ZEISLER.

(b) Clinical Lectures on Skin Diseases. 1 per wk.
Professor ZEISLER.

(c) Dispensary Clinic. 2 Periods per wk. for 5 weeks.
Doctor PARDEE.

XI. DEPARTMENT OF LARYNGOLOGY AND RHINOLOGY.

This department is furnished with specially constructed individual stalls and electric lights for the training of divided classes of students in the technique of examination and treatment of the nose and throat, following the method of arrangement in vogue at Vienna. A dark-room, for translumination tests, and a dressing-room are attached, and the suite connects with a clinical amphitheater.

3d Yr. (a) Laryngology and Rhinology. Lecture 1 hr. per wk. 1 Semester. Professor CASSELBERRY.

(b) Clinical lecture 1 hr. per wk.
Professor CASSELBERRY.
This clinic is largely of a surgical nature, is rich in material, and exemplifies in the course of the term all the principal operations and minor operative methods of treatment for this class of diseases.

(c) Dispensary Clinics, individual instruction in technique. 6 Periods per wk. for 5 weeks.
Professor CASSELBERRY, assisted by Doctors MENGE, BUDDE, and SOLENBERGER.

XII. DEPARTMENT OF OPHTHALMOLOGY AND OTOLOGY.

Preparation for the special work of this department is provided by the courses which the second-year students receive in the gross and minute Anatomy and Physiology of the Eye and Ear.

(a) Ophthalmoscopy, Otoscopy, and Refractive work (elective in either third or fourth year). 1 Laboratory Period each wk. ½ Semester. Dr. A. M. HALL.

4th Yr. (b) Clinical Lectures and Demonstrations. (Optional.) St. Luke's Hospital. 1 Period per wk.
Professor JONES and Doctors TILLEY, FISK, and GARDINER.

(c) Opthalmology and Otology. The Pathology, Therapy, Surgery, and Hygiene of the Eye and Ear. 1 Lecture per wk. 1 Semester. Professor GRADLE.

(d) Clinical Lecture at College. 1 each wk. Professor GRADLE.

(e) Clinical Lecture at Mercy Hospital. (Optional.) 1 each wk. Professor STARKEY.

(f) Dispensary Clinics, in which small classes of students receive individual instruction in examination, diagnosis, and treatment of cases. 6 Periods per wk. for 5 weeks. Professor STARKEY and Doctors MANN and HALL.

XIII. DEPARTMENT OF GYNECOLOGY.

The teaching in this department is done by didactic lectures and clinics in Mercy Hospital, St. Luke's Hospital, the College, and to divided classes in the dispensary.

4th Yr. (a) Clinical Lectures at St. Luke's Hospital (required first Semester, elective second). 1 each wk.* Professors DUDLEY and HENROTIN and Doctors WATKINS and FRANKENTHAL.

(b) General Gynecology. Lectures 2 per wk. 1 Semester. Professor DUDLEY.

(c) Clinical Lecture at College (elective). 1 each wk.* Doctor WATKINS.

(d) Clinics at Mercy Hospital (elective). 1 each week throughout the year.* Professor F. T. ANDREWS.

(e) Dispensary Clinics. Daily 5 wks. Doctors WATKINS, RUMPF, WEIR, BACON, FINDLEY, and PETERSON.

XIV. DEPARTMENT OF NEUROLOGY.

Teaching in this department is done by lectures, recitations and clinics in the college and dispensary, and by occasional clinics in the hospitals.

4th Yr. (a) Diseases of the Nervous System. 2 Lectures each wk. 1 Semester. Professor WING.

(b) Clinical Lecture. 1 Period per wk. Professor WING, assisted by Doctor HOLLAND. The teaching in these hours consists in drilling individual students in the presence of the class in the methods of examination, diagnosis, and treatment of nervous

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*In the second semester at least one of these three clinics must be elected. They are all optional throughout the year.

diseases, and in a general quiz. The subject of the quiz is announced previously, and in the course of the year the quiz covers the more important nervous diseases.

(c) Dispensary Clinics. 5 Periods per wk. 5 wks.
Doctors LODOR, PATRICK, and HOLLAND.

XV. DEPARTMENT OF MENTAL DISEASES AND MEDICAL JURISPRUDENCE.

(a) The topics related to Mental Diseases are presented always in their practical and clinical aspects. By the revision of a large number of case histories, mental diseases are made as vivid as possible. At the same time their medical and medico-legal relations are emphasized. 2 Lectures per wk. ½ Semester.
Professor CHURCH.

(b) The lectures pertaining to Medical Jurisprudence are intended to give the prospective medical practitioner a clear realization of his relations and duties toward the public and of his special privileges, as well as of the claims the public and the courts have upon him. The emergencies which are likely to fall under his observation requiring a degree of familiarity with the usages of law, and his proper attitude as a medical witness are dwelt upon at some length. 2 Lectures per wk. ½ Semester. Professor CHURCH.

XVI. DEPARTMENT OF PEDIATRICS.

It is the desire of all those connected with this department to make its instruction chiefly clinical and personal.

3d Yr. (a) Dispensary Children's Clinic. 5 Periods per wk. 5 wks.
Doctors ABT, COOK, KINDIG, and ROGERS.

(b) Clinical Lecture. 1 Period per wk.
Professor HATFIELD.

The more interesting of those cases attending the dispensary clinics are reserved for the weekly college clinics, open to all students. Fourth year students are required in turn to diagnose and prescribe for dispensary patients, caring for and reporting upon the same as outpatients until their recovery.

4th Yr. (c) Diseases of Children. Lectures and Colloquia. 1 each wk. 1 Semester. Professor HATFIELD.

(d) Pediatric Seminar (Special Elective). Limited to ten students. Meets one evening every two weeks. Topic for 1897–98: Hepatic and Renal Diseases of Children.
Professor HATFIELD.

XVII. DEPARTMENT OF SURGERY.

Teaching in this department is done by lectures, recitations, laboratory work, and clinics. The laboratory for operative surgery is a large room especially adapted for this work and adjoins the dissecting-room.

2d Yr. (a) Dispensary Clinics. Individual instruction in divided classes. 3 per week ½ Semester.
Doctors PLUMMER, SCHROEDER, ISHAM, HALSTEAD, BRISLEN, ROGERS, and MARQUIS.

3rd Yr. (b) Operative Surgery. Lectures and Demonstrations. 2 per wk. for 1 Semester. Professor MORGAN.

(c) Recitations on Surgery. 3 per wk.
Doctors HALSTEAD and SCHROEDER.

(d) Clinical Lecture. 1 per wk. Professor SCHAEFER.

(e) Clinical Lecture at St. Luke's Hospital. 1 per wk.
Professors OWENS, ALLPORT, BEVAN, and Doctor MCARTHUR.

(f) Clinical Lecture. Orthopedics at College. 1 weekly.
Professor RIDLON.

(g) Dispensary Orthopedic Clinics before small classes. 2 per wk. for 5 wks. Doctors WOLEY and PORTER.

(h) Bandaging and dressing. 1 hr. for 1 Semester.
Doctor PLUMMER.

4th Yr. (i) Lectures, Genito-Urinary Surgery and Tumors. 1 hr. per wk. Professor FENGER.

(j) Lectures on General Surgery. 1 hr. per wk.
Professor VAN HOOK.

(k) Demonstrations in Operative Surgery. 3 per wk. for ½ Semester. Doctor PLUMMER.

(l) Clinical Lecture at the College. 1 Period weekly.
Professor FENGER, assisted by Doctors PLUMMER and SCHROEDER.

(m) Clinical Lecture at the College. ½ period weekly.
Professor ISHAM, assisted by Doctors GEORGE ISHAM and HALSTEAD.

(n) Clinical Lectures at Mercy Hospital.
Once weekly by Professors FENGER and MORGAN.
Once weekly by Professor E. W. ANDREWS.
Once weekly by Professor E. ANDREWS.

(o) Experimental Abdominal Surgery (Elective). 1 hr. per wk. ½ Semester. Doctor PLUMMER.

(VII g) Special Surgical Pathology (Elective).
Professor FENGER and Doctor SCHROEDER.

(p) Experimental Cervical and Thoracic Surgery (Optional).
Doctor HALSTEAD.

XVIII. DEPARTMENT OF MEDICINE.

2d Yr. (a) Dispensary Clinic to small classes of not more than twelve students. 3 per week ½ Semester.
Doctors BLACK, KEYES, HESSERT, PREBLE, GENTLES, HERRIMAN, RAWLINGS, CARROLL, and MILLER.

(VIII c) Physical Diagnosis Clinic College. 1 per week.
Professor WEBSTER.

3d Yr. (b) Recitations from text-book in sections of the class. 3 hrs. per wk. Doctors BLACK, SCHMIDT, and WALLS.

(c) Clinical Lectures at the college. 1 per wk.
Professor EDWARDS.

(d) Clinical Lecture at St. Luke's Hospital. 1 per wk.
Professors EDWARDS, JOHNSON, FAVILL, and CHEW.

4th Yr. (e) Lectures for 1896–97. Diseases of the Lungs, Heart, Aorta, Blood, and Kidneys. 2 hrs. per wk. 1 Semester.
Professor DAVIS.

(f) Lectures for 1896–97. Infectious Diseases, Chronic General Diseases, Diseases of Stomach and Intestines. 2 hrs. per wk. 1 Semester. Professor BILLINGS.

(g) Clinical Lectures at Mercy Hospital.
Once weekly by Professor DAVIS.
Once weekly by Professor BILLINGS.
Once weekly by
Professors JOHNSON and WEBSTER.

(h) Clinical Lecture at College. 1 per wk.
Professor BILLINGS.

SUMMER COURSES.

These are open to a limited number of students and practitioners from June 7 to August 2, 1897.

(a) Histology. Laboratory. Daily 8 wks.
Doctor WALLS and Mr. CARLTON.

(b) Hæmatology. Laboratory. Doctor JAQUES.

(c) Pathological Histology. Laboratory. Daily 8 wks.
Doctor WALLS.

(d) Bacteriology. Laboratory. Daily 8 wks.
Doctor RAWLINGS.

(e) Special Courses in Bacteriology, Pathology, and Clinical Chemistry. Mercy Hospital Laboratory.
Doctor BLACK.

(f) Obstetrics. Practical. Chicago Lying-in Dispensary.
Doctor DE LEE.

(g) College and Dispensary Clinics. Many of these are continued during the summer.

HONORS.

General Honors.—A General Honor Roll will be published annually, in which will appear the names of those members of each class on whom General Honors are conferred.

This roll of names will be determined by choosing, on the basis of a general average of all of the work of the year, the highest one fourth of the class. At graduation every student who has received general honors during three years of his course will receive the degree of Doctor of Medicine, Cum Laude.

Special Honors.—Every student who has earned general honors during the first and second years may take during the third year a special advance course to the extent of sixty-four hours' work in any of the following subjects:

Chemistry, Physiology, Histology, Histological, Pathology, or Bacteriology, or any of the other electives offered in that year. If the candidate has maintained his position on the general honor roll in all required work, and does a high grade of work in the special course, he will be granted, at graduation, a "Special Honor" in the subject taken. Fourth-year students who have attained the rank of "General Honors" during the first three years may take a special advanced course to the extent of sixty-four hours' work in any of the electives offered in that year.

Fourth-year "Special Honors" are granted on the same terms as third year "Special Honors." If a candidate for graduation has earned "General Honors" for his whole course, and both Junior and Senior special honors, and if he presents an acceptable thesis on the subject of his senior special course, he will be given the degree of Doctor of Medicine, Magna Cum Laude.

Any student who earns general honors for three years of his course, and who gains, by competitive examination, first place in any hospital corps of resident physicians, will be given the degree of Doctor of Medicine, Magna Cum Laude.

Any student who earns both Junior and Senior special honors in

the special advanced courses, and who takes first place in any Competitive Hospital Examination, will be given the degree of Doctor of Medicine, Summa Cum Laude.

NOTE.—A student who presents a baccalaureate degree from a recognized institution, and who takes Senior and Junior special honors, will be given the Master's degree corresponding to his baccalaureate degree.

HOSPITALS.

Mercy Hospital.—This hospital is at the corner of Calumet Avenue and Twenty-sixth Street, and is under the exclusive care of the Faculty. It is conducted by the Sisters of Mercy, and receives a large number of patients annually, both from the city and the country. It has recently been rebuilt and enlarged so that its capacity is increased to about four hundred beds.

Daily clinics are held in the hospital amphitheater, or at the bedside in the wards, according to the nature of the individual case.

The members of the Clinical Class are allowed to examine the cases for themselves, and thus acquire a personal familiarity with the clinical aspect of a large variety of diseases.

In classes of two or three, students of the senior year are allowed to watch the progress of obstetrical cases under the direction of the House Physician.

Each member of the graduating class may serve as Surgical Dresser in Mercy Hospital, and receive a certificate for efficient and faithful services.

A laboratory has been equipped for Clinical Bacteriology and microscopical work, which will be utilized for teaching purposes as well as for clinical examinations. The fee for the annual Mercy Hospital ticket is $6.

St. Luke's Hospital.—This hospital is situated in Indiana Avenue, near Fourteenth Street. Owing to its central situation, it receives a large number of accident cases, and its surgical clinic is, consequently, an extensive one. Clinics are given regularly in Medicine, Nervous Diseases, Surgery, Gynecology, and diseases of the Eye and Ear. The autopsies held by the Pathologists in the amphitheater of the hospital morgue constitute an important part of the clinical instruction. The annual ticket is $5.

Wesley Hospital.—In 1890 Northwestern University purchased, at the corner of Twenty-fourth and Dearborn Streets, four hundred and fifty feet frontage for the Medical and Pharmaceutical Schools, and a site for an hospital. One half of this land has been transferred to Wesley Hospital. The first pavilion has been erected and accommodates from thirty to forty beds. This hospital has agreed to afford the students of the school clinical facilities. The building adjoins the new laboratories of the school.

Cook County Hospital.—The hospital is situated at the corner of Wood and Harrison Streets. The daily average number of patients is between five and six hundred. Students are not admitted to the wards, but clinics are given in the amphitheater constructed for this purpose. There is an amphitheater in the hospital morgue, and post-mortem examinations are made in the presence of the clinical class, giving students an opportunity to learn the gross appearances of pathological lesions. The annual ticket is $5.

The South Side Dispensary.—The Dispensary is in Davis Hall, which was constructed especially for an out-patient hospital, and contains accommodations as complete as any institution of its kind in the country. Between twenty-two and twenty-three thousand patients are treated in this dispensary annually. It has the following eight departments: Medical, Surgical, Throat, Eye and Ear, Gynecological, Neurological, Diseases of Children, Syphilis and Diseases of the Skin, and Orthopedic Surgery. Each department occupies a separate room, or suite of rooms, and is in charge of a clinical instructor.

Small classes of students are trained by the physicians in charge of the respective departments in the details of physical diagnosis appropriate to each. A record of the attendance of each student at these clinics is preserved, and is used in estimating his clinical record.

Members of the Clinical Class may serve as assistants to the physicians and surgeons of the several departments of the Dispensary, and to the Pharmacist of the Dispensary, and receive certificates of such service. Members of the Attending Staff appoint their own assistants, and the term of service is eight weeks.

REQUIREMENTS FOR GRADUATION.

To obtain the degree of Doctor of Medicine, students who begin their medical studies in this school are required to take four full courses of lectures.

Essentials for graduation are:

1. Age twenty-one years or over.
2. Four annual courses of lectures of eight months each.
3. Good moral character (which includes unexceptionable conduct while at the school).
4. Dissection of the median half of the human body.
5. Attendance upon clinics for three years.
6. Satisfactory standing in all final examinations.
7. Payment in full of all fees.

TEXT-BOOKS AND BOOKS OF REFERENCE.

The following text-books and books of reference are recommended by the Professors in the respective departments.

Dictionaries—Duane, Dunglison, Gould.

Anatomy—Gray, Morris, Quain, Edinger on the Brain and Cord, Jacob's Nerve Atlas.

Dissectors—Howell, Graham, and Tower.

Physiology—Kirke, Hall's Laboratory Guide in Physiology, Landois and Stirling, Foster.

Histology—Sterling, Piersol, Quain (Schaefer).

Embryology—Hertwig, Marshall, Foster, and Balfour.

Chemistry—Long's Elementary Course in Experimental and Analytical Chemistry, Long's Chemical Physiology and Urine Analysis, Roscoe's Elementary Inorganic and Organic Chemistry.

Therapeutics—H. C. Wood, Shoemaker.

Materia Medica—White and Wilcox, Wood.

Pathology—Green, Ziegler, Thoma.

Operative Surgery—Th. Kocher, American System of Surgery, Surgical Operations, by Jacobson.

Electro-Therapeutics—International System of Electro-Therapeutics, Houston and Kennedy.

Nervous Diseases—Dana, Gowers, Dercum.

Medical Jurisprudence—Reese; *Insanity*, Clouston and Kirchoff.

Practice of Medicine—Tyson, Osler, Flint.

Surgery—American Text-Book of Surgery, Warren's Surgical Pathology and Therapeutics, Moullin.

Obstetrics—Lusk, Parvin, American Text-book of Obstetrics, Davis.

Physical Diagnosis—Musser, Da Costa, Hare Simon.

Diseases of Children—American Text-book of Children's Diseases. J. L. Smith, Hatfield, Hecht.

Diseases of the Eye—Fuchs, Noyes, De Schwenitz.

Diseases of the Ear—Dench, Politzer.

Gynecology—Keating and Coe, Skene, Duhrssen.

Laryngology—Bosworth, McBride.

Dermatology—Crocker, Kaposi, Duhring.

Etiology and Hygiene—E. A. Parks.

Bacteriology—Abbott, Sternberg.

Orthopedic Surgery—Ridlon and Jones, Bradford and Lovett, Tubby.

Syphilis and Venereal Diseases—Taylor, Keyes.

ASSIGNMENT OF SEATS.

Students may register and secure seats in the amphitheaters at the opening of the next session, or by sending five dollars to H. P. Hendricks, Clerk of the School, at an early date.

EXPENSES.

Matriculation Fee.—The student is required to pay at the time of his first registration a matriculation fee of *five dollars.* This fee is paid but once, and is charged all students alike.

Annual Fee.—A fee of *one hundred and twenty-five dollars* must be paid annually by all students,* except those who have graduated from the College of Liberal Arts of this University, or regularly pursued their studies therein during two college years prior to 1896. Students coming within this exception pay an incidental fee of *thirty dollars.*

Elective Courses.—A fee is charged for certain elective courses to cover cost of material used.

Deposits.—Deposit fees of five dollars are required as a precaution against breakage or injury to apparatus in the laboratories. These fees are refunded in case no injury or loss occurs.

All fees must be paid in advance.

Board and lodging vary in price from $3.50 to $6.00 a week. Rooms, for those who desire to board and lodge themselves, will cost from $6.00 to $10.00 a month. In clubs, board can be secured for $2.00 a week. The Clerk has a full list of good boarding-places and rooms, and will assist students in finding suitable accommodations.

How to Reach the College.—Students who desire to go directly to the college from the trains should take the State Street cable cars and get off at Twenty-fourth Street. State Street is the great retail street of the south side, and easily reached from any railway station in the city.

For other information relating to the Medical School, address Prof. N. S. Davis, Jr., M.D., Secretary, 2431 Dearborn Street, Chicago, Illinois.

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*Students who entered college prior to September, 1897, will be charged fees as set forth in the Catalogue of 1896–97.

THE LAW SCHOOL,

MASONIC TEMPLE, CHICAGO.

HENRY WADE ROGERS,
President of the University and Acting Dean of the Law Faculty.

HARVEY BOSTWICK HURD,
Professor of Law.
EDWARD AVERY HARRIMAN,
Professor of Law.
JOHN HENRY WIGMORE,
Professor of Law.
BLEWETT LEE,
Professor of Law.
EDWIN BURRITT SMITH,
Professor of Law.
JULIAN WILLIAM MACK,
Professor of Law.
LESTER LE GRAND BOND,
Lecturer on Trade Marks and Copyrights.

The Law School was founded in 1859, there being at the time but three similar schools west of the Allegheny Mountains. For a long time it was known as the Union College of Law, but in 1891 it assumed its present name.

The Law School offers to students a thorough training in the fundamental subjects of the law. Its students come from all parts of the country, and its course is arranged with a view to giving students that knowledge of the law which will be indispensable to them wherever they may practice.

SCHOOL ACCOMMODATIONS.

The rooms of the School are in the Masonic Temple. The Lecture Hall, Library and Reading Room, Students'

Room and offices are spacious and conveniently arranged. The building is centrally located, and is only two blocks from the Court House.

REQUIREMENTS FOR ADMISSION.

Persons applying for admission must answer the following requirements:

1. *Age.*—They must be not less than eighteen years of age.

2. *Previous training.*—(1.) Graduates of a collegiate or technological institution, and persons who have spent a year or more at such an institution, are admitted on producing a diploma or certificate from the proper authorities. (2.) Graduates of a public high school or of a private academy of equivalent standing are admitted in the same way. (3.) In exceptional cases persons not showing either of the foregoing qualifications may be admitted, but will be required to pursue such a course of private study as the Faculty may direct. These exceptions may be made where the applicant is of such mature age and broad experience that he seems fitted to take up the study of law with profit to himself and without detriment to the work of the class. (4.) Examinations for admission will rarely be held, but where persons not coming under either of the first two classes above desire admission, and have made or intend to make special preparation, an examination requiring the qualifications of a high school graduate will be given.

3. *Time of entrance.*—No applicant not coming from another law school will be admitted to the first-year class after the second week in January. This is because the courses of study are carefully graded and an acquaintance with earlier courses is necessary for the pursuit of the later ones. Those who do not enter by the beginning of January cannot work with profit to themselves, and are a hindrance to the progress of others. All students intending to enter the school are strongly urged to do so at the beginning of the year. The disadvantage of delay is great.

ADVANCED STANDING.

I. The following persons will be admitted to the third-year class:

1. Persons who produce certificates from another law school or college in good standing of having satisfactorily pursued courses of legal study amounting to at least thirty-two term-hours.

2. Graduates of law schools having a two-year course.

3. Persons who have completed the second year in any law school, having studied law for a period of two years.

II. The following persons will be admitted to the second-year class:

1. Persons who produce certificates from another law school or college in good standing of having satisfactorily pursued courses of legal study amounting to at least twelve term-hours.

2. Persons who have studied law privately or in an attorney's office for a period satisfactory to the Faculty. One year's study is the minimum amount which will be accepted.

III. Students who have graduated from the College of Liberal Arts of this University prior to entering on their work in this Law School, or who have graduated from a College of Liberal Arts of some other University whose requirements for graduation appear to this Faculty to be equivalent to those of this University for the same degrees, may be admitted to advanced standing in this Law School, and may be given credit for certain work in law done in such College of Liberal Arts, the total credit for the same not to exceed two term-hours in any one subject nor to exceed ten term-hours in all. The subjects for which such credit may be obtained are the following: Constitutional Law, International Law, Elementary Law, Roman Law, Administrative Law, Comparative Constitutional Law.

Where credit is thus obtained in any of the above-named subjects, the student will not be permitted to obtain additional credit in any such subjects by pursuing the same studies in the Law School, except for the excess of the number of hours in the Law School course over the number of hours for which credit in any subject is given. Students who enter this school with ten term-hours of credit thus obtained are thereby enabled to arrange their law work so as to make it possible for them to obtain the degree of Bachelor of Law in two years.

IV. Students admitted to advanced standing will receive degrees and diplomas upon the same terms as those who enter at the beginning of the course. That is to say, such students must obtain credit on the books of this school for the amount of work required for the diploma or degree.

Such credit will be given to students coming from other colleges or law schools for an amount of work equivalent, in the opinion of the Faculty, to that for which they have received credit in such other schools. No credit is given in any other way for work done outside this school, and the student admitted to advanced standing must therefore pass the regular examinations in those courses in which he does not come with credit from other schools or colleges.

SPECIAL STUDENTS.

Persons not desiring to be candidates for a degree may pursue one or more courses as special students, provided they are qualified to pursue such courses to advantage. They will receive a certificate of all work done, and they may at any time enter as candidates for a degree, provided they are qualified under the above requirements.

COURSE OF INSTRUCTION.

FIRST YEAR.

FIRST TERM.

Contracts—Three hours a week. Langdell and Williston's Cases on Contracts. Harriman on Contracts. Professor HARRIMAN.

Torts—Two hours a week. Ames and Smith's Cases on Torts. Professor WIGMORE.

Real Property—Two hours a week. Professor SMITH.

Common Law Pleading—Two hours a week. Andrew's Stephen's Pleading. Professor HURD.

Procedure—One hour a week. Professor HURD.

SECOND TERM.

Contracts (continued)—Three hours a week. Professor HARRIMAN.

Torts (continued)—Three hours a week. Professor WIGMORE.

Real Property (continued)—Two hours a week. Professor SMITH.

Bailments and Carriers—Two hours a week. McClain's Cases on Carriers. Professor MACK.

Damages—One hour a week. Professor WIGMORE.

SECOND YEAR.

FIRST TERM.

Sales—One hour a week. Williston's Cases on Sales.
Professor MACK.

Evidence—Two hours a week. Thayer's Cases on Evidence.
Professor WIGMORE.

Equity—Three hours a week. Ames' Cases on Trusts; Keener's Cases on Equity. Professor LEE.

Agency—Two hours a week. Wambaugh's Cases on Agency.
Professor HARRIMAN.

Real Property (continued)—Two hours a week.
Professor SMITH.

Commercial Paper—Three hours a week. Professor MACK.

SECOND TERM.

Quasi-Contracts—Two hours a week. Selections from Keener's Cases on Quasi-Contracts. Professor WIGMORE.

Evidence (continued)—Two hours a week.
Professor WIGMORE.

Equity (continued)—Three hours a week. Professor LEE.

Real Property (continued)—One hour a week.
Professor SMITH.

Sales (continued)—Two hours a week. Professor MACK.

Criminal Law—One hour a week. May's Criminal Law.
Professor HURD.

Wills and Administration—One hour a week.
Professor SMITH.

THIRD YEAR.*

FIRST TERM.

Equity Pleading and Procedure—One hour a week.
Professor HURD.

Constitutional Law—Three hours a week. Thayer's Cases on Constitutional Law. Professor LEE.

International Law, Public and Private—Two hours a week.
Professor WIGMORE.

Partnership—Two hours a week. Ames' Cases on Partnership.
Professor HARRIMAN.

Illinois Practice—Two hours a week. Professor HURD.

Corporations, Public and Private—One hour a week. Smith's Cases on Corporations. Professor HARRIMAN.

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* The courses announced for the third year will not be given in 1897-98.

SECOND TERM.

Constitutional Law (continued)—Two hours a week.
Professor LEE.

Illinois Practice (continued)—Two hours a week.
Professor HURD.

Corporations (continued)—Three hours a week.
Professor HARRIMAN.

Conveyancing—One hour a week. Professor SMITH.

Persons—One hour a week.

Illinois Statutes—One hour a week. Professor HURD.

Federal Jurisdiction and Procedure—One hour a week.
Professor LEE.

Moot Court—Weekly for part of the year.

Professors HURD, HARRIMAN, WIGMORE, LEE, SMITH, and MACK.

The student may take the work in moot court either in his second or in his third year, or in both years, and will receive credit for one term-hour for work satisfactorily done therein. All students wishing to take this work must leave their names with the Secretary on or before October 1st, in order that cases may be assigned and set for hearing.

Only the courses announced for the first year are given in 1896–7. The class that entered school in 1895 will graduate under the former requirements of two years' study in 1897. The courses offered to this class during the present year are as follows:

SENIOR YEAR.

FIRST TERM.

Equity—Two hours a week. Keener's Cases on Equity.
Professor LEE.

Evidence—Four hours a week. Thayer's Cases on Evidence.
Professor WIGMORE.

Commercial Paper—Three hours a week. Bigelow's Cases on Bills and Notes. Professor MACK.

Wills—Three hours a week. Abbott's Cases on Wills.
Professor LEE.

SECOND TERM.

Equity (continued)—Five hours a week. Ames' Cases on Trusts.
Professor LEE.

Evidence (continued)—Three hours a week.
Professor WIGMORE.

Partnership—Three hours a week. Ames' Cases on Partnership, Professor HARRIMAN.

Corporations, Public and Private—Two hours a week. Cumming's Cases on Corporations. Professor HARRIMAN.

International Law, Public and Private—One hour a week. Professor WIGMORE.

Illinois Practice—One hour a week. Professor HURD.

THIRD TERM.

International Law (continued)—One hour a week. Professor WIGMORE.

Corporations (continued)—Four hours a week. Professor HARRIMAN.

Equity Pleading—Two hours a week. Professor HURD.

Constitutional Law—Four hours a week. Text-book: Thayer's Cases on Constitutional Law. Professor LEE.

Federal Jurisdiction—One hour a week. Professor LEE.

Illinois Statutes—Two hours a week. Professor HURD.

Trade Marks and Copyrights—Six lectures. Mr. BOND.

In 1897–8 the courses announced for the first and second years of the three year's course will be given.

In 1898–9 the entire three years' course will be given.

SYSTEM OF STUDY AND INSTRUCTION.

The modes of instruction are varied, and depend more or less upon the individuality of the instructor and the character of the particular course. The study of cases, while not employed by all instructors as the basis of work, is particularly emphasized, especially in the fundamental subjects of the law. The object of the instruction given is not merely to secure familiarity with the rules of law as actually enforced, but also to develop a legal mind, to train the student in the art of legal reasoning, and to cultivate the faculty of sound legal common sense; in short, to prepare for the practical work of giving intelligent legal advice upon actual situations laid before an attorney by a client.

It is desirable that the student should, if possible, devote the first two years of his course exclusively to his work in

the law school. The constantly increasing complexity of the law demands a thorough acquaintance with legal theory, which can be obtained only in a law school, and the work required of a student in this School is amply sufficient to occupy all his time for the first two years of his course. In his third year a student may profitably attempt to acquire an acquaintance with the application of his knowledge. The numerous courts sitting in Chicago, and the vast amount of litigation carried on here, afford ample opportunity to obtain familiarity with all kinds of practice. Students desiring to obtain positions in lawyers' offices in Chicago will find a recommendation from this School of great assistance.

MOOT COURTS AND THESES.

1. *Moot Courts.* For the purpose of training in the independent investigation of legal questions and in the preparation of briefs, moot courts are held weekly during the greater part of the year, in which the instructors preside as judges, and the members of the class prepare briefs and make oral arguments upon difficult cases given out beforehand. Each member of the second and third year classes has an opportunity during the year to take part as counsel in these exercises.

2. *Theses.* It is the desire of the Faculty to encourage original research by students. Any member of the third-year class may therefore obtain credit to an amount not exceeding two term-hours by presenting a satisfactory thesis upon some legal topic approved by a member of the Faculty. The thesis must be presented on or before May 1st of the year in which the student expects to graduate. It must be printed on typewriter or otherwise, and is to be kept permanently in the School.

PRIZES.

1. *The Callaghan Prize.* A prize of one hundred dollars in books, to be selected from their own publications, the gift of Messrs. Callaghan and Company of Chicago, is awarded annually under the following conditions:

1. The competitors for this prize must have pursued the study of law in this Law School for two scholastic years, including the last year of the course.

2. Those intending to compete for this prize must inform the Secretary of the Faculty on or before the beginning of the third term of the Senior year.

3. An examination in writing will be held at such time near the close of the scholastic year as the Dean may designate.

4. The Secretary of the Faculty will preside over the examination, and the competitors will write their answers to the printed questions submitted, on white commercial letter-paper, with a margin of an inch wide, and only two pages of each sheet shall be written on. Each competitor must sign his papers with a fictitious name, and must accompany them with a sealed envelope, upon the outside of which must be written the fictitious name, and within which shall be inclosed a slip of paper containing his real name.

5. The papers submitted will be examined by a committee of award, consisting of three members of the legal profession, who will be selected by the Dean. The report of this committee will be transmitted to the President of the University, and the announcement of the award will be made at Commencement.

In 1896 the prize was awarded to William Elliott Davidson, A.B., of Chicago.

2. *The Towle Prize.* A prize of fifty dollars, the gift of Mr. Henry Sargent Towle, of Chicago, is open annually to members of the Senior class, and is given for the best thesis written by a member of that class. In 1896 the prize was awarded to Victor Mathews Harding, A.B., of Chicago.

LIBRARY FACILITIES.

By an arrangement which the School has made with the Law Institute of Chicago, the students are allowed free access to its ample library, which is located in the Court House, only two blocks distant from the School. It contains about 30,000 volumes, including the reports and statutes of the United States and all of the states in the Union, as well as the English, Scotch and Irish reports and statutes, and a large collection of treatises and digests. For the use of this library, practicing lawyers, members of the Institute, pay $100 per share, besides an annual assessment of from $10 to $12.

The students also have the benefit, without charge, of the large Public Library of the city, which is located about the same distance from the School, and contains 188,000 volumes. They also have access, without charge, to the Newberry Library, which contains 117,000 volumes.

In addition to the library of the Law Institute, the Law School has a library of its own, in which will be found the reports and text-books most needed for reference. All current American cases are to be found in the National Reporter system, to which the School subscribes.

DEGREES.

All degrees are conferred at the general University Commencement, on which occasion all candidates for degrees are required to present themselves, the Oxford cap and gown being worn as the official dress.

The expression "term-hour," as used in this circular, means one hour a week of class-room work for a half-year. In previous years "term-hour" has been used as meaning one hour a week of class-room work for one-third of a year. No change has been made this year in the requirements for degrees, but as each old "term-hour" was equal only to two-thirds of a new term-hour, numerical changes have been made accordingly. In every case each new "term-hour" is equal to one and one-half old "term-hours."

I. BACHELOR OF LAWS.

The degree of Bachelor of Laws will be conferred upon students who complete the regular three-years' course. But (*a*) the candidate must have pursued at least one full year's work as a resident student; and (*b*) the candidate must be credited, on the books of the School, with satisfactory examinations in courses of study amounting to ten hours a week for the first two years, and eight hours a week for the third year, or fifty-six term-hours in all.

Four grades are given for work done. The grades are as follows: A, excellent; B, satisfactory; C, unsatisfac-

tory; D, failure. Not more than ten term-hours of grade C can be counted by a student towards his degree.

II. MASTER'S DEGREE.

The Master's Degree in Arts, Philosophy, Science or Letters will be conferred under the following conditions:

A graduate of the College of Liberal Arts of this University, or of some other in which the requirements for the Bachelor's Degree in Arts, Philosophy, Science or Letters are equivalent to the requirements for the same degree at this University, may obtain the Master's Degree at the same time with the degree of Bachelor of Laws by pursuing, with the sanction of the Faculty of Liberal Arts, advanced work in subjects approved by that Faculty and obtaining credit in such work to the amount of twelve term-hours. The courses of study may, in part or entirely, deal with legal subjects; but courses of legal study, in order to count for the degree, must be (*a*) of an advanced nature, (*b*) not otherwise counted for the degree of Bachelor of Laws, (*c*) pursued under the direction of a member of the Faculty of the Law School. Students in law intending to become candidates for the Master's degree must register for the same in the College of Liberal Arts and in the Law School on or before the first Monday in October of the year in which they expect to graduate, and must pay the diploma fee of ten dollars.

The following subjects have been approved by the Faculty of Liberal Arts, and work therein may be counted for the Master's Degree: Constitutional Law, International Law, Administrative Law, Roman Law, Jurisprudence, Legal History.

ADMISSION TO THE BAR.

1. The diploma of the School, conferring the degree of LL.B., admits to the Bar of the Supreme Court of Illinois without examination. Admission is usually obtained in this way on motion of a member of the Bar at the

session of the Supreme Court held in Springfield in the early part of June of each year.

2. Although after June, 1897, the degree of Bachelor of Laws will be conferred only on those who have completed the three-years' course, a diploma will still be granted to those who complete a two-years' course and obtain credit in work amounting to ten hours a week for two years, or forty term-hours in all. This diploma admits the holder to the Bar of the Supreme Court of Illinois, on motion, under the present rules of that court, and will be granted only so long as such rules continue in force. Not more than seven term-hours of grade C can be counted towards this certificate.

3. Admission to the Bar in Illinois may also be obtained by passing the examination held periodically under the direction of the Appellate Court, by virtue of the Rules of the Supreme Court (Vol. 156 of Illinois Supreme Court Reports).

FEES.

1. The tuition fee for regular students is $105 a year, payable in three installments of $35 each, October 1st, January 10th, and April 1st. A rebate of $5 is allowed to students who pay the entire tuition in advance on October 1st.

2. Fees for special students are calculated on substantially the above basis. For any course the fee is $5 for each hour per week of classroom-work for a half-year.

3. All fees for special courses are payable at the beginning of each course.

4. Students taking other than the regular work of the class pay fees as special students for the courses taken.

5. A Matriculation fee of $5 is payable by all students at the time of entering the School.

6. A fee of $10 is charged for a diploma conferring the degree of Bachelor of Laws.

7. No reduction of fees is made to students who enter the School after the beginning of the academic year.

8. Students are permitted to take only those courses

for which they pay tuition, but a student paying the regular fee of $105 may attend, without charge, any course for which he has paid in any preceding year.

9. No fees are refunded for any cause, but a student who is prevented by sickness or otherwise from attending any course may attend the same course in any subsequent year without charge.

10. The registration of all students who fail to pay their fees at the appointed time is canceled. Any student whose registration is canceled is required to pay a fee of $1 for reinstatement.

11. Students may withdraw from the school at any time by giving written notice to the Secretary. Upon the receipt of such notice by the Secretary, the student will be released from his obligation to pay installments of tuition becoming due thereafter.

EXPENSES OF LIVING.

The School is situated within five minutes' walk of a district in which there are great numbers of private boarding-houses. A list of desirable places is kept at the School. The following table exhibits the different scales of expenditure, from which the student may estimate the annual cost of living while at the School.

	LOW.	AVERAGE.	LIBERAL.
Tuition	$100	$100	$100
Board (36 weeks)	110	135	200
Room	38	70	100
Washing	15	25	35
Text-books and stationery	30	40	45
	$293	$370	$480

For further information relating to the School, address the Secretary of the Faculty, Northwestern University Law School, Masonic Temple, Chicago, Illinois.

SCHOOL OF PHARMACY.

2421 Dearborn Street, Chicago.

Henry Wade Rogers, LL.D., President.

Oscar Oldberg, Pharm.D., *Dean, Professor of Pharmacy.*
John Harper Long, Sc.D., *Professor of Chemistry.*
William Edward Quine, M.D., *Emeritus Professor of Physiology Therapeutics, and Toxicology.*
Henry Kraemer, Ph.D., Ph.G., *Professor of Botany, Materia Medica, and Pharmacognosy.*
Jan Barend Nagelvoort, *Professor of Applied Pharmaceutical Chemistry.*
William Kerr Higley, Ph.C., *Assistant Professor of Botany and Pharmacognosy.*
Maurice Ashbel Miner, Ph.C., *Assistant Professor of Pharmacy.*
Frank Burnett Dains, Sc.M., *Assistant Professor of Chemistry.*
Isaac Donaldson Rawlings, Sc.M., M.D., *Lecturer and Demonstrator of Bacteriology.*
Charles Waggener Patterson, Ph.C., *Instructor in Pharmacy.*
Otto Hugo Pagelsen, Sc.B., *Instructor in Chemistry.*
Charles Henderson Miller, Ph.G., *Instructor in Chemistry.*

The School of Pharmacy was opened on October 1, 1886. It was then located at the corner of Lake and Dearborn Streets, Chicago. In March, 1893, it was removed to one of the new buildings erected for the use of the Medical and Pharmaceutical Schools of the University, on Dearborn Street, between Twenty-fourth and Twenty-fifth Streets.

The course of instruction given from 1886 to 1894 was not much more extensive than that commonly given in pharmaceutical schools in the United States. That course is still offered. It occupies two school sessions of about five months

each, and leads to the degree of Graduate in Pharmacy. It is co-extensive with the course of education given in the School of Pharmacy of the Pharmaceutical Society of Great Britain. The course commonly given for the degree of Graduate in Pharmacy in the pharmaceutical colleges of the United States occupies two school sessions of about six months each, and requires one half of the student's time during that period, the remainder of his time being devoted to concurrent drugstore employment. But it should be understood that the course for the degree of Graduate in Pharmacy given in this School, and continuing through two school sessions of five months each, can be accomplished in that time only when the student abstains from other employment and diligently devotes his whole attention to his studies. Such students as are employed in drugstores during their school attendance, and thus prevented from devoting more than three days each week to their studies, can finish the same course in two school sessions of forty weeks each. Those students who devote their whole time and attention to their studies receive at least thirty-two hours' instruction weekly, but students who are concurrently employed in drugstores receive only one half that amount of instruction each week.

Three fourths of the instruction hours are devoted to the laboratory courses.

Since 1894 an additional and longer course has also been given, occupying forty weeks during the first year, and thirty-six weeks during the second year. This course leads to the degree of Pharmaceutical Chemist.

The course for the degree of Graduate in Pharmacy does not include training for the varied services of expert pharmaceutical chemists, but is intended to fit the student for the duties of dispensing pharmacists, as performed in American pharmacies.

The course for the degree of Pharmaceutical Chemist is strongly recommended as one that fits the student not only for the intelligent performance of the duties of a dispenser, but also for the additional services demanded of modern

scientific pharmacy, and the related expert work of analytical, consulting, and manufacturing chemists.

The school is liberally provided with lecture-rooms, laboratories, library, museum, recitation-rooms, professors' rooms, offices, cloakrooms, and other requisites of a well-appointed modern college building.

The laboratories and other instruction-rooms are supplied with steam, electricity, and gas, and are well lighted and ventilated.

Women being admitted to the classes, there are separate study and dressing rooms provided for their exclusive use.

There are six principal laboratories: one for botany, microscopy, and pharmacognosy; a general chemical laboratory, another for physiological chemistry; one for special courses in applied pharmaceutical chemistry; a general pharmaceutical laboratory; and a special dispensing laboratory, devoted to instruction in the problems and manipulations connected with the compounding of physicians' prescriptions.

THE PLAN OF THIS SCHOOL.

The School of Pharmacy of Northwestern University does not refuse admission to students who are employed in drugstores and continue that employment during the period occupied by the college attendance. It recognizes the fact that there are two classes of pharmaceutical students: first, those whose means permit them to devote their whole time and attention to their studies, and who, therefore, do not want to divide their time between the school and the store, preferring, instead, to shorten the time required for the completion of their college course by giving up their whole time to it while in attendance; second, those who are unable to attend a pharmaceutical school at all unless they have the opportunity to earn their personal expenses by concurrent drugstore employment, occupying a portion of their time. Both these classes of students are accommodated at this School.

THE SCOPE AND METHODS OF INSTRUCTION.

The courses of instruction are graded or progressive, and as comprehensive as is consistent with thoroughness.

The subjects taught are Pharmacy, Physics, Chemistry, Botany, Pharmacognosy, Human Anatomy and Physiology, Therapeutics, and Toxicology.

The methods of instruction include lectures, recitations, written and oral reviews, class exercises of various kinds, and laboratory practice. The lectures are illustrated by experiments, charts, apparatus, specimens, etc., as occasion requires.

Each student is assured as large a share as practicable of the individual attention of the teachers, and it is sought to make his work interesting, as well as instructive, to cultivate his desire for knowledge, and to teach correct methods for its acquisition. All students are held to their appointed hours of school-work, and to the necessary text-book study.

Class exercises are conducted for the purpose of affording adequate practice in the solution of pharmaceutical and chemical problems, the use of correct technical nomenclature, the study of prescriptions, and the recognition of drugs and preparations.

Laboratory work, which, in this school, occupies about three fourths of the instruction hours, is a highly important feature of the courses, and at the same time constitutes the most profitable recreation the student can have. Botany, pharmacognosy, chemistry, general operative pharmacy, and dispensing are most effectively taught in laboratories.

FACULTY OF INSTRUCTION.

The School of Pharmacy has its distinct Faculty, consisting of ten teachers, six of whom devote their whole time and attention exclusively to the students of pharmacy. Others divide their time between the medical and pharmaceutical schools. A majority of the teachers are experienced apothecaries. The courses of instruction are thus readily, and to the fullest extent, specially adapted to the wants of pharmacists,

and the relative amount of time devoted to each subject is in just proportion to its character and importance.

REQUIREMENTS FOR ADMISSION.

The requirements for admission are essentially the same as in other reputable schools of pharmacy conferring the same degrees.

Women are admitted upon the same conditions as men.

Students entering for either of the two courses must be not less than eighteen years of age.

Matriculates entering upon the course for the degree of Graduate in Pharmacy must have a preliminary general education at least equivalent to that required for admission to a standard public high school. Students who have finished the usual grammar school studies and are thus qualified to enter the high school, or other schools of equal or higher grade, are admitted upon presentation of diplomas or other satisfactory evidence as to their educational qualifications. Prospective students at a distance may send certificates signed by superintendents, principals, or other officers of the schools or colleges they have attended. Those not presenting satisfactory evidence of sufficient preliminary education are required to pass an examination in English and Arithmetic, corresponding to the requirements in these branches for admission to the high schools of our larger cities.

Matriculates entering upon the course for the degree of Pharmaceutical Chemist must have a preliminary general education such as is afforded by the Academy of the University, or one equivalent to that required for graduation from the standard high schools, or other schools of equal or higher grade. Diplomas, or certificates of graduation from such schools, and certificates of good standing in institutions of the collegiate grade, entitle the holders to admission without examination. Persons not presenting conclusive evidence of educational fitness to pursue the course for the degree of Pharmaceutical Chemist are required to pass an examination

corresponding to the requirements for graduation from the high schools of our larger cities.

Special students, or students who are not candidates for a degree, are admitted without examination.

Graduates in Pharmacy of this school who have attained a meritorious scholarship record, such as to demonstrate their fitness to pursue the studies included in the course for the degree of Pharmaceutical Chemist, may, at the discretion of the Faculty, be admitted to take the work of that course.

ADMISSION TO ADVANCED STANDING.

Any student presenting proper evidence of having satisfactorily completed, in any other similar school or college, any one or more of the courses of study included in the curriculum of this school, may, if desired, receive such credit therefor as may be consistent with the standard of requirements.

Students who have completed the "Junior Course" in any other school or college of pharmacy may thus be admitted to the "Senior Class," or to the second year's studies in this school, if, in the judgment of the Faculty, prepared to do so. In no case, however, will any course, continuing through any given number of months, with the student's time divided between his studies and wage-earning, be counted as equivalent to more than one half of that number of months fully occupied by courses of study.

REQUIREMENTS FOR GRADUATION.

The requirements for graduation include satisfactory deportment, good moral character, due observance of all the rules of the school, payment in full of all dues, satisfactory completion of all the courses of study and laboratory work included in the curriculum prescribed for each degree, respectively, regular attendance in the laboratories and other instruction rooms, good standing in the recitations and examinations throughout the courses, and diligence and success in the laboratory work.

The curriculum of studies and laboratory practice pre-

scribed for the degree of Graduate in Pharmacy constitutes the first half of the first year's work for the degree of Pharmaceutical Chemist.

A satisfactory thesis is required for the higher degree, embodying the results of research by the student under the direction of the Faculty, the subject of the thesis to be assigned in February.

SPECIAL COURSES.

Persons desiring to fit themselves to teach botany, chemistry, or microscopy, are offered adequate courses and special advantages for that purpose.

Any one or more of the courses of study and laboratory practice offered in this school, whether included in the required curriculum for graduation or not, may be taken by any person prepared to pursue the same with advantage.

The fees charged for elective, partial, or special courses, are, according to their nature and extent, in proportion to the regular fees.

TEXT-BOOKS AND BOOKS OF REFERENCE.

Certain books are necessarily adopted as the principal text-books, in order that students may be able to keep up with their studies without difficulty. These books are selected by the Faculty as being the best for the students, and in harmony with the courses of instruction. Students will therefore find it to their advantage to use these books in preference to others.

Pharmacy.—The Pharmacopœia of the United States, Seventh Revision; Oldberg's General Principles of Pharmacy; Scoville's Art of Compounding; Oldberg's Weights and Measures; Pharmaceutical Problems and Exercises; Examples of Prescriptions; Laboratory Manual of Inorganic Pharmaceutical Preparations.

Chemistry.—Roscoe's Chemistry; Long's Experimental and Analytical Chemistry; Remsen's Organic Chemistry; Long's Physiological Chemistry; Fresenius' Qualitative and Quantitative Analysis; Sutton's Volumetric Analysis.

Botany and Pharmacognosy.—Bastin's College Botany; Maisch's Organic Materia Medica.

Physiology.—Martin's Human Body, Briefer Course.

Reference Books.—National Dispensatory; United States Dispensatory; Prescott's Organic Analysis; Dragendorff's Plant Analysis; Fluckiger and Hanbury's Pharmacographia; Remington's Practice of Pharmacy; Coblentz's Pharmacy; Caspari's Pharmacy.

SELECTION OF SEATS AND LABORATORY TABLES.

Lecture-room Seats and Laboratory Tables are assigned to the students at the beginning of the school session, and not before; and the assignments are made in the order in which the students have paid the matriculation fee or the laboratory deposit. The same order is observed in assigning students to the several sections of each class. It is, therefore, of decided advantage to the student to forward that fee or deposit at as early a day as practicable. It should be sent to Mr. H. P. Hendricks, 2429 Dearborn Street, Chicago.

EXPENSES.

The *Matriculation Fee*, payable by each student only at the time of his first enrollment in the school, is $5.

Tuition Fees.—The tuition fees in this school have been made as low as possible, considering the character and amount of the instruction given, the superior facilities provided, and the large corps of teachers devoting their whole time exclusively to the students of pharmacy.

Each student taking the full course for the degree of Graduate in Pharmacy, and *not* employed in drugstores during his college attendance, but receiving thirty-two hours instruction weekly, is required to pay $75 for tuition for each semester of five months.

Students employed in drugstores, and therefore attending the school only three alternate days each week (receiving one half as much instruction weekly as the students devoting all

their time to their studies), are required to pay $37.50 for each semester of five months.

As the entire course for the degree of Graduate in Pharmacy occupies two semesters, at $75 each, when the student gives his whole attention to his studies, but four semesters, at $37.50 each, if he is concurrently employed in drugstores, the total tuition is precisely the same in both cases.

Tuition is payable in advance.

The fees for individual courses, Junior or Senior, when taken separately, are as follows:

Lecture Course in Pharmacy, - -	$15.00
" " " Chemistry, - -	15.00
" " " Physiology, - -	5.00
" " " Therapeutics, - -	5.00
Botany, including laboratory work, -	15.00
Pharmacognosy, including laboratory work,	15.00
Laboratory Course in Pharmacy, - -	15.00
" " " Chemistry, - -	15.00
" " " Dispensing, - -	10.00
Special Course in Bacteriology, - .	15.00

The tuition fees for partial and special courses are in proportion to the regular fees, according to the character and extent of each course.

The *Diploma Fee* of $5 is payable on or before the first day of June.

Laboratory Deposit.—Chemical and pharmaceutical apparatus and implements, microscopes, and other apparatus necessary for the laboratory work, are furnished by the school for the use of every student free of charge. For this reason a *laboratory deposit*, to cover loss or damage, must be made by each student at the beginning of each semester. Students taking full work (finishing their course in two semesters of five months each, and having thirty-two hours instruction weekly) are required to deposit $5 for that purpose; and those who are concurrently employed in drugstores, and hence take half-work (finished in four semesters of five months each), are

required to make a laboratory deposit of $3. The laboratory accounts are closed at the end of each semester, and the deposit, or such balance of it as may remain after deducting the value of articles lost, damaged, or destroyed, is then returned to the student.

Materials Consumed.—Drugs, chemicals, and other materials necessarily consumed in the laboratories are supplied to each student in each laboratory. The charge made for such materials in all the laboratories together is $6 for each semester. Students taking half-work (those employed in drug-stores) are, of course, required to pay only $3 for each semester. But any student who wantonly or carelessly wastes the materials supplied to him will be liable to a proportionate additional charge for additional supplies furnished to replace those lost by him.

Incidentals.—Text-books, note-books, laboratory aprons, towels, filter-paper, and any other articles not included in the outfits of apparatus, or not returnable, are furnished to the students at cost. But any student may purchase these books and articles wherever he sees fit.

Board and Room.—Very good board and room together can be secured near the school at from $4 to $6 per week. Students may also secure rooms and board separately. Information regarding these matters, and addresses of reliable and satisfactory private boarding-places and furnished rooms, will be supplied at the college office. Good accommodations are plentiful, and satisfactory arrangements can be quickly made by each student immediately upon his arrival. It is wholly unnecessary, and rarely advantageous, to secure board and room in advance.

All inquiries and requests for the Circular of Information should be addressed to Professor Oscar Oldberg, the Dean of the School, 2421 Dearborn Street, Chicago, Illinois.

THE DENTAL SCHOOL.

CORNER MADISON AND FRANKLIN STREETS, CHICAGO.

HENRY WADE ROGERS, LL.D., PRESIDENT OF THE UNIVERSITY.

EDGAR DENMAN SWAIN, D.D.S., DEAN.

GREENE VARDIMAN BLACK, M.D., D.D.S., *Professor of Pathology and Bacteriology.*

GEORGE HOPPIN CUSHING, M.D., D.D.S., *Professor of Principles and Practice of Dental Surgery.*

THOMAS LEWIS GILMER, M.D., D.D.S., *Professor of Oral Surgery.*

JOHN SAYRE MARSHALL, M.D., *Professor Emeritus of Oral Surgery.*

BERNARD JOHN CIGRAND, B.S., D.D.S., *Professor of Prosthetic Dentistry.*

ADELBERT HENRY PECK, M.D., D.D.S., *Professor of Special Materia Medica and Therapeutics.*

EDWARD HARRY ANGLE, D.D.S., *Professor of Orthodontia.*

EDMOND NOYES, D.D.S., *Professor of Dental Jurisprudence.*

IRA BEATTY CRISSMAN, D.D.S., *Professor of Hygiene and Ethics.*

WILLIAM EDWARD HARPER, D.D.S., *Professor of Operative Technics.*

GEORGE WILLIAM HASKINS, M.D., D.D.S., *Professor of Metallurgy and of Prosthetic Technics.*

JAMES HARRISON PROTHERO, D.D.S., *Professor of Clinical Operative Dentistry, and Superintendent of Infirmary.*

GEORGE WASHINGTON SCHWARTZ, M.D., D.D.S., *Professor of Porcelain Dental Art.*

WILLIAM STEARNS, M.D., *Professor of Pathology.*

CHARLES BURTON REED, M.D., *Professor of General Histology.*

FREDERICK BOGUE NOYES, D.D.S., *Professor of Dental Histology.*

TWING BROOKS WIGGIN, M.D., *Professor of Physiology.*

WILLIAM THOMAS ECKLEY, M.D., *Professor of Anatomy.*

LIBNI BENJAMIN HAYMAN, M.D., *Professor of General Materia Medica and Therapeutics.*

GEORGE LEININGER, M.D., *Professor of Anæsthesia.*

EDWARD ALSOP FLOWERS, D.V.S., M.D., *Professor of Comparative Anatomy.*

VERNON JAMES HALL, PH.D., *Professor of Chemistry.*

THEODORE MENGES, B.S., D.D.S., *Sec'y.*

QUIZ MASTERS.

William S. Bagley, D.D.S., *Materia Medica, General.*
Burt H. Kershaw, D.D.S., *Materia Medica, Special.*
Jason N. McDowell, D.D.S., *Orthodontia.*

INSTRUCTORS IN THE INFIRMARY.

Israel D. Sperling, D.D.S.
Frank E. Downs, D.D.S.
Finis Roach, D.D.S.
Augustus G. Hayden, D.D.S.
Frank H. Skinner, D.D.S.
Henry D. Haffa, D.D.S.

DEMONSTRATORS.

James W. Birkland, D.D.S.
Stewart D. Ruggles, D.D.S.
Charles L. Lind, D.D.S.
Lewis L. Whitson, D.D.S.
Ike B. Howell, D.D.S.
Henry H. Kellogg, D.D.S.
Earnest A. Meyers, D.D.S.
Henry H. Maynard, D.D.S.
John H. Graham. D.D.S.
Stanley A. Turpin, D.D.S.
Deauchamp C. Labbie, D.D.S.
Orlando H. Piper, D.D.S.
Sara C. Gramme, D.D.S.
Lynwood H. Cornell, D.D.S.
Burt H. Kershaw, D.D.S.
Edgar C. Patterson, D.D.S.
Jason N. McDowell, D.D.S.
William O. Fellman, D.D.S.
Hugo G. Fischer, D.D.S.

The Dental School was founded by men who believed that the practice of dentistry and that of medicine are so closely related as to make it necessary that students of dentistry should have thorough instruction in certain branches of medical science. The Faculty desire to raise the standard of dental education as rapidly as is consistent with the means and ability of the majority of students who desire to be properly educated for successful practice.

The course of instruction is progressive, and extends over three years, the teaching of one year not being repeated in the next. The Dental School, as a department of the general University system, confers upon its students certain advantages pertaining to this relationship. The educational status and the courses of instruction are arranged upon such a plane as a department of the University, that the equipment of its graduates shall have relatively as broad a basis, as regards

their calling, as that possessed by the graduates of the other departments of the University.

REQUIREMENTS FOR ADMISSION.

Requirements for admission and graduation, as agreed upon by the National Association of Dental College Faculties, are as follows:

"*Resolved*, That a preliminary examination be required for entrance to our dental colleges; such requirements shall include a good English education.

"*Resolved*, That a candidate for matriculation who presents a diploma from a reputable literary institution, or other satisfactory evidence of literary qualification, shall be admitted without further examination."

In accordance with the action of the National Association of Dental Faculties at the annual meeting, August 6, 1889, students are required to attend three full regular courses of lectures, in separate years, before their graduation examination.

Students will be divided into first-year class, second-year class, and third-year class.

Before admission to examination, every student is required to pay the matriculation and course fees. In case of rejection, the course fees will be refunded.

Students are allowed to select seats in the lecture-room in the order in which they matriculate, and each student is required to occupy the seat selected, during the session.

ADMISSION TO ADVANCED STANDING.

Students will be admitted to the second-year course who present certificates, from recognized medical or dental colleges, of attendance upon one full course of lectures of at least six months, and of examinations in the studies of the first-year course in this college, satisfactory to the professors of the respective departments of that year.

Graduates of reputable medical colleges will be admitted to the second-year course, and will be excused from lectures

and examinations upon general anatomy, chemistry, histology, physiology, pathology, materia medica, and therapeutics, but will be required to take the courses in operative and prosthetic tecnics, special pathology, special histology, special materia medica, and therapeutics.

Students will be admitted to the third-year course who present certificates, from recognized medical or dental colleges, of attendance upon two full courses of lectures of at least six months each, one of which must have been in a dental college.

Candidates for advanced standing must present their certificates to the respective professors at the October examinations.

Candidates who fail at this examination may apply for re-examination in February.

COURSE OF STUDY.

FIRST YEAR.

Anatomy and Dissecting.
Physiology (to the Nervous System).
Prosthetic Dentistry.
Chemistry (Didactic).
Histology and Histological Laboratory.
Operative Technics.
Prosthetic Technics.

SECOND YEAR.

Anatomy and Dissecting.
Physiology (Nervous System).
(General Materia Medica and Therapeutics.)
Prosthetic Dentistry.
Operative Dentistry.
Pathology.
Chemistry (Practical).
Dental Histology.

THIRD YEAR.

Dental Pathology and Bacteriology.
Oral Surgery.
Orthodontia.
Anæsthesia.
Dental Jurisprudence.
Operative Dentistry.
Special Materia Medica and Therapeutics.

Quiz Classes. — The Faculty of this school, having learned from experience the great value and assistance of this form of teaching, have provided, without extra charge, a competent corps of quiz masters, who will follow the professors in their teaching, and thereby assist the students to a more thorough comprehension of the subjects taught, and with much less labor than would otherwise be required.

Crown and Bridge Work. — The profession is manifesting so much interest in this subject that special attention will be given to the practical construction of the different kinds of crown and bridge work.

FACILITIES FOR INSTRUCTION.

The operating-room is furnished with one hundred and fourteen chairs. Each student is supplied with a cabinet, containing safe combination lock, in which to lock up his engine, instruments, wearing-apparel, etc. The operating-room is 80 x 101 feet; nineteen feet from floor to ceiling; light on three sides, with skylight extending nearly the entire length of the room.

Adjoining this is a room 35 x 35 feet, well lighted and ventilated, and supplied with operating-chairs and laboratory benches for practical operations in crown and bridge work, correction of irregularities, and for porcelain art. All the modern furnaces for the baking of porcelain are found in this department.

The main lecture-hall is one of the most complete of its kind in the country, and affords a seating capacity for 400 students. It is furnished with the latest improved tablet opera-chairs.

The prosthetic and operative technic rooms, chemical and histological laboratories are thoroughly equipped for the work required to be done. No expense nor pains have been spared to make the equipment and appointment of the college complete in every detail.

Electric motors are in use in the laboratories.

METHODS OF INSTRUCTION.

Dental Technics.—Two special courses are given for manual training in the mechanical operations of dentistry, and a study of the anatomy and physical structure of the teeth. The instruction is by classwork, the students performing operations upon natural teeth set in convenient forms, and making sets of artificial teeth, crowns, bridges, etc. They undertake each operation or construction separately, beginning with the simplest, and are required to complete each acceptably. All of this work is done under the immediate direction and instruction of the respective technic professors. Experience has shown that this is the best method yet devised for the rapid attainment of the high degree of manual skill required in the practice of dentistry, and the acquisition of a scientific and practical knowledge of those mechanical laws and relations in conformity with which all successful operations must be conducted.

Prosthetic Technics—Syllabus.—Taking impressions of the mouth, and the practical use of all the ordinary materials employed for that purpose. The making and repairing of metal plates. Making of the simpler forms of shell crowns, followed by making of porcelain and band crowns for the anterior teeth, and porcelain-faced crowns for bicuspids and molars, carefully shaped to the forms of natural teeth, and the assembling of crowns to make bridges. The operations are taken up consecutively, and every student is required to perform each one acceptably before proceeding to the next.

A list of instruments and appliances for the technic courses will be furnished students at the beginning of the term. The instruments indicated in the list are *required*, and must be obtained before students begin classwork, those for the operative course costing about $20.00, and those for the prosthetic, $18.00. The instruments required in the technic classes will, all of them, be needed subsequently for clinical work in the infirmary and laboratory.

NOTE.—The operations in the technic departments require a very large number of natural teeth, and a sufficient supply is sometimes difficult to get. It will therefore be to the interest of students if they will bring with them all the extracted teeth they can obtain.

Dental Histology. — During the course in *dental histology*, practical inferences, to be drawn from the study, will be duly emphasized.

Recent developments in the study of the enamel have shown that a knowledge of the histology of this important structure is fundamental to the greatest success as an operator; it will therefore receive special attention. The direction of its rods in the different localities, together with their striæ, will be studied, and the relative strength of its rods and cementing substances, as shown by the action of acids and caries. The lines of strength and weakness will be taught, as well as the lines of cleavage.

The dentine, dental pulp, and mucuous membrane of the mouth will receive due attention; careful studies of the cementum will be made, especially the rings of added growth found in older persons. The student will be made thoroughly familiar with the structure of the peridental membrane, the direction of its fibers upon various parts of the tooth, and their mode of attachment and reattachment, blood and nerve supply, etc., etc. The periosteum and peridental membranes will be compared and differences shown. The course of embryology will embrace the study of the development of the teeth, as well as the development and calcification of the maxillæ.

Special Materia Medica and Therapeutics. — A thorough and complete course of instruction will be given in this department. In connection with the didactic work, ample demonstrations of the application of the various remedies for the alleviation of the various forms of disease will be made during the term.

Special attention will be given to the prescribing of medicines, and to the intelligent use of local and systemic agents for the purpose of rendering more easy the performance of painful operations. The whole course will be made as thoroughly practical as is possible.

Orthodontia. — The instruction will follow the text-book generally, and will give particular attention to preventive

measures by the care of the deciduous teeth, and corrective treatment during the irruption of the permanent teeth. The most important part of this course will consist of the treatment of practical cases in the infirmary, the care of which will be given to individual students, under the direction of the professor, who will also use them for class-instruction as may be necessary.

Crown and Bridge Work. — Special attention will be given to instruction in this department by the professors of prosthetic dentistry, of orthodontia, and of prosthetic technics, and also by the demonstrator of prosthetic dentistry.

Continuous Gum-work. — This will be taught by special clinics in the senior year.

Bacteriology. — The subject of bacteriology will form an important part of the course, and will be presented especially in its relations to dental pathology and dental practice. The student will be familiarized with the general principles of the subject, with the nature of these growths, the place they occupy in nature, their physiological processes, how and where they grow, how they live, what they do, and how they produce disease. The differences between disease-producing and non-disease-producing organisms will be pointed out. The micro-organisms of the human mouth will receive special attention. They will be collected from patients in the infirmary and from members of the class in the lecture-room, thus pointing out their natural habitat and the appearances produced by their natural growth. These will be cultivated in the various culture media, illustrating the growths as they appear to the naked eye, and in such ways as to illustrate the practical necessities of aseptic operating in dentistry, when and how dangers of infection arise, and how to avoid them. Species will be separated by plate culture, and pure growths of varieties obtained directly from the mixed growths gathered from patients and students. The forms of growth, as they appear to the unaided eye on the various culture media, will be studied in the lecture-room and laboratory, and the microscopic characters of the organisms, plans of staining, mounting, etc., will be studied

by sections in the laboratory. The testing of antiseptics will be studied in a practical way, the values of the individual drugs ascertained, and their practical use illustrated by their direct effect on growing micro-organisms. The laboratory is provided with the necessary apparatus for this work.

THIRD YEAR.

Especial attention is given during this year to practical work. Porcelain-work, crown and bridge work, and all the higher mechanical operations, must be performed by the senior student, under the watchful care and instruction of the professors and teachers. The most careful instruction, both in the clinic and lecture hall, is given to operative dentistry. Clinics in oral surgery and the treatment of pathological conditions are attended.

INFIRMARY CLINICS.

Second and third year students will be required to perform practical operations for patients in the operating-room and laboratory of the dental infirmary. This work will be done under the supervision of the professors of operative or prosthetic dentistry, or of skilled demonstrators.

The Professor of Operative Dentistry, Dr. George H. Cushing, will give clinical instruction in the infirmary three afternoons a week.

REQUIREMENTS FOR GRADUATION.

The degree of Doctor of Dental Surgery is conferred on such students as complete the course of instruction, having attended three courses of lectures and passed satisfactory examinations in all the subjects of study. To be admitted to the degree, the student must be twenty-one years of age, and possess a good moral character. He must have dissected at least two parts of the human body, and have studied dentistry for three years.

The monthly reports of the quizzes and practice of the student, will bear very materially upon their standing at all examinations.

PRACTICE IN THE INFIRMARY.

No amount of scientific attainments can compensate for lack of skill in practice. Recognizing this fact, the college performs operations free of charge, for all unable to pay.

The clinic-rooms are daily crowded with patients, beyond the needs of the various classes. Second and third year students begin their clinic-work at the opening of the term, and continue throughout the session.

First-year students begin practical operations at the close of the first term.

Every student of the college is therefore advanced in practical operative work as rapidly as he qualifies himself to perform operations, irrespective of his belonging to the first, second, or third year class.

EXPENSES.

Matriculation Fee. — The student is required to pay a matriculation fee of *five dollars.*

Annual Fee. — A fee of *one hundred dollars* is paid annually, which entitles the student to admission to the regular courses of instruction.

Deposits. — A deposit fee is required as a precaution against breakage or injury to apparatus in the laboratory, and other property. First-year students deposit *three dollars;* second-year students, *five dollars;* third-year students, *two dollars.* These deposit fees are refunded in case no loss occurs.

The payment of the $100 tuition fee may be divided as follows: $50 on entering, and the balance *on or before December 1st.* If any part is left unpaid after this date, $10 will be added to the fee.

Candidates for graduation who may fail to pass the final examination at the end of the third year have the privilege of standing a second examination for their degree prior to the University Commencement in June, without being compelled to attend another session.

Good board and rooms convenient to the school can be

obtained at prices varying from $3.50 to $6.00 a week, according to the accommodations; also, vacant rooms, without board, furnished or unfurnished, can be obtained at from $6.00 to $10.00 per month.

For further information in regard to the Dental School, address Theodore Menges, D.D.S,, corner Madison and Franklin Streets, Chicago, Illinois.

WOMAN'S MEDICAL SCHOOL.

333 TO 339 S. LINCOLN STREET, CHICAGO.

HENRY WADE ROGERS, LL.D., PRESIDENT OF THE UNIVERSITY.

ISAAC NEWTON DANFORTH, A.M., M.D, DEAN, *Professor of Practice and Clinical Professor of Medicine.*

DANIEL ROBERTS BROWER, B.S., M.D., *Professor of Diseases of the Nervous System and Clinical Medicine.*

DAVID WILSON GRAHAM, A.M., M.D., *Professor of Surgery and Clinical Surgery.*

WILLIAM TEEL MONTGOMERY, M.D., *Professor of Ophthalmology and Otology.*

EPHRAIM FLETCHER INGALS, A.M., M.D., TREASURER, *Professor of Diseases of the Chest and Throat.*

MARIE JOSEPHA MERGLER, M.D., SECRETARY, *Professor of Gynecology and Clinical Gynecology.*

EUGENE SOLOMON TALBOT, M.D., D.D.S., *Professor of Dental Surgery.*

JEROME HENRY SALISBURY, A.M., M.D., *Professor of Chemistry and Toxicology, and Pharmacy.*

ELIZA HANNAH ROOT, M.D., *Professor of Obstetrics and Clinical Obstetrics at the Mary Thompson Hospital.*

FRANK CARY, M.D., *Professor of Practice of Medicine.*

JOSEPH ZEISLER, M.D., *Professor of Dermatology.*

JOHN EDWIN RHODES, A.M., M.D., *Professor of Physical Diagnosis and Clinical Medicine.*

HENRY TRUMAN BYFORD, A.M., M.D., *Clinical Professor of Gynecology at the Woman's Hospital of Chicago.*

RACHEL HICKEY CARR, M.D., *Professor of Histology.*

GEORGE FRANK BUTLER, Ph.G., M.D., *Professor of Materia Medica, Therapeutics, and Practical Pharmacy.*

ALBERT IRVING BOUFFLEUR, B.S., M.D., *Professor of Anatomy.*

GEORGE HOWITT WEAVER, M.D., *Professor of Pathology.*

JOHN MILTON DODSON, A.M., M.D., *Professor of Diseases of Children.*

JAMES CORNELIUS GILL, M.D., *Professor of Electrology.*

ARTHUR DEAN BEVAN, M.D., *Professor of Surgery*

LEONARD L. SKELTON, A.M., M.D., *Professor of Physiology.*

EFFA VETINA DAVIS, M.D., *Professor of Clinical Obstetrics.*
FRANKLIN CHAMBERLAIN WELLS, M.D., *Professor of Materia Medica.*
MARY M. BARTELME, LL.B., *Professor of Medical Jurisprudence.*
ANNIE WHITE SAGE, M.D., *Assistant Professor of Gynecology.*
BERTHA ESTELLA BUSH, M.D., *Assistant Professor of Pathology.*
VIDA ANNETTE LATHAM, M.D., D.D.S., F.R.M.S., *Assistant Secretary, Assistant Professor of Pathology, Curator of Museum, and Director of the Laboratories.*
ELIZABETH TROUT, M.D., *Assistant Professor of Diseases of the Nervous System.*

LECTURERS, INSTRUCTORS, AND ASSISTANTS.

NORA SOULE DAVENPORT, M.D., *Instructor in Diseases of the Chest and Throat.*
CHARLES A. PARKER, M.D., *Lecturer on Anatomy.*
MARY CAROLINE HOLLISTER, M.D., *Instructor in Ophthalmology and Otology.*
VIRA ABEL BROCKWAY, M.D., *Instructor in Histology.*
BERTHA VAN HOOSEN, A.B., M.D., *Instructor in Embryology.*
MINNIE KELLY-BOWLES, M.D., *Assistant to the Chair of Clinical Medicine.*
LOUISE ACRES, M.D., *Clinical Assistant to the Chair of Gynecology.*
ROSE WILLARD, M.D., *Instructor in Diseases of Children, and Clinical Assistant to the Chair of Gynecology.*
ELIJAH P. NOEL, M.D., *Instructor in Diseases of Children.*
DON LEE SHAW, M.D., *Instructor in Anatomy.*
VOLBORG SOGN, M.D., *Clinical Assistant to the Chair of Gynecology.*
MARIE ALBERTINE OLSEN, M.D., *Instructor in Diseases of the Chest and Throat.*
EDITH STURGES, M.D., *Assistant to the Chair of Clinical Medicine.*
LOUIS THEXTON, M.D., *Instructor in Anatomy.*
KATHARINE SLATER, M.D., *Lecturer on Hygiene.*
LUCIUS CROCKER PARDEE, M.D., *Instructor in Dermatology.*
CUNERA R. SHEFFER, M.D., *Clinical Assistant to the Chair of Nervous Diseases.*
KATHARINE LOUIS ANGELL, M.D., *Instructor in Bacteriology.*
ALICE LOIS LINDSAY, M.D., *Clinical Assistant to the Chair of Nervous Diseases and Demonstrator in Anatomy.*
FRANCES TODD VAN VELSOR, M.D., *Clinical Assistant and Instructor in Surgery.*
INGEBORG RASMUSSEN, M.D., *Clinical Assistant to the Chair of Diseases of the Chest and Throat.*
EDITH A. H. FYFFE, M.D., *Instructor in Anatomy.*
JEAN M. COOKE, M.D., *Assistant in Pathological Laboratory.*

The Woman's Medical School was founded in 1870, under the name of the "Woman's Hospital Medical College." Afterward it was known as the "Woman's Medical College of Chicago." During the year 1892 it became a part of the University, to be known as "Northwestern University Woman's Medical School." It is conducted as a regular school of medicine for the education of women only. By the action of the University authorities the former graduates of the Woman's Medical College have been made alumnæ of the University.

The required time of study in this school is four years, with four terms in college, no two of which shall be in one year. The course is graded, and each school-year consists of eight months.

Students graduating in 1899, and subsequent classes, are required to pursue the study of medicine in college for four years, and to attend four annual courses of lectures, of not less than eight months' duration each.

REQUIREMENTS FOR ADMISSION.

Candidates for admission must present, before matriculating, satisfactory evidence of a good English education. A certificate of graduation from a high-school, academy or college, or a teacher's first-grade certificate from a County Superintendent of Schools, or a certificate of having passed the entrance examination of the College of Liberal Arts of this University, or of some other college of equal rank, will be accepted as sufficient evidence of such education. Students presenting themselves for admission without such credentials will be required to pass an examination in the following branches:

English Composition.

Arithmetic.—Common and Decimal Fractions, Fundamental Rules, Ratio and Proportion, Percentage.

Algebra.—Elementary.

Physics.—Elementary (Gage).

Latin.—Declensions, conjugations, construction, and easy prose.

Certificates of character are required at the time of matriculation.

ADVANCED STANDING.

Students who have taken the preparatory medical course in Northwestern University, or an equivalent in any other school of acknowledged standing, will be admitted to the Sophomore year without examination. This preparatory course must include the number of hours and branches given in the following schedule:

General Biology, - - -	100 hours.	Histology,	100 hours
Botany, - - - - -	100 hours.	Physiology,	150 hours
General Chemistry (Inorganic),	200 hours.	Embryology,	50 hours
Physics, - - - -	75 hours.	Zoölogy,	50 hours

In addition to this, they will be required to take the Anatomy of the first year.

Advanced Standing for Undergraduates from other Medical Colleges.—Students of recognized medical colleges in good standing, who comply with the preliminary requirements of admission, and who present satisfactory certificates of having completed the work, and of having successfully passed the examinations in the first, second, or third course, may enter the succeeding year; but in case the certificates are not satisfactory, they must pass examinations in the branches of previous years before being promoted.

Candidates for advanced standing must present their certificates to the respective professors at the time of the October examinations, or earlier.

No applicants for instruction in special senior branches only will be admitted to lectures in the junior or senior course, who have not complied with the regular requirements of admission, and passed final examinations in Freshman and Sophomore branches.

For fees, see page 220 of this announcement.

ADMISSION OF SPECIAL STUDENTS.

Those who desire a systematic and thorough knowledge of Anatomy, Physiology, Chemistry, or Microscopy as a qualification for teaching, or as a part of a liberal education, and who do not wish to pursue the regular curriculum with refer-

ence to graduation, are encouraged to take advantage of the facilities afforded in this school, and are permitted to take a special course without an entrance examination. If at any time they desire to pursue the full course, with a view to taking the degree, they will be required to pass the entrance examination.

CURRICULUM OF STUDY.

Freshman Year, 1st 15 weeks.

Anatomy,	4 hours a week,	60
Chemistry (First 14 weeks),	4 " "	56
Histology,	2 " "	30
Physiology,	2 " "	30
Hours per week,	*12*	
Total number of hours,		*176*
Average number of hours per day, 2 1-6.		
Chemical Laboratory,	4 hours a week,	90
Histological Laboratory,	4 " "	60
Hours per week,	*8*	
Total number of hours,		*150*
Average number of hours per day, 1 2-3.		

Freshman Year, 2nd 15 weeks.

Anatomy,	4 hours a week,	60
Chemistry (Last 16 weeks),	1 " "	16
Histology,	2 " "	30
Physiology,	3 " "	45
Materia Medica	4 " "	60
Hours per week,	*14*	
Total number of hours,		*211*
Average number of hours per day, 2 1-6.		
Chemical Laboratory,	4 hours a week,	60
Histological Laboratory,	4 " "	60
Physiological Laboratory (including Embryology),	4 " "	60
Pharmaceutical Laboratory,	2 " "	30
Hours per week,	*14*	
Total number of hours,		*210*
Average number of hours per day, 3 1-3.		

Dissection 3 hours a day.

Sophomore Year, 1st 15 weeks.

Anatomy,	4 hours a week,		60
Physiology,	2 "	"	30
Pharmology,	3 "	"	45
Pathology,	2 "	"	30
Hygiene,	1 "	"	15
Hours per week,	*12*		
Total number of hours,			*180*

Average number of hours per day, 2.

Pathological Laboratory, 4 hours a week.
Clinical Examination of Urine, 2 hours a week.
Dissections.

Sophomore Year, 2nd 15 weeks.

Anatomy,	3 hours a week,		45
Physiology,	2 "	"	30
Therapeutics,	3 "	"	45
Physiological Chemistry,	2 "	"	30
Pathology,	1 "	"	15
Bacteriology,	1 "	"	15
Hours per week,	*12*		
Total number of hours,			*180*

Average number of hours per day, 2.

Laboratory work same as first 15 weeks, with addition of 2 hours in Physiological Chemistry.
Dissections.

Junior Year.

Practice of Medicine, including Nervous Diseases, Renal Diseases, and Chest and Throat,	6 hours a week.		
Surgery,	4 "	"	
Obstetrics,	2 "	"	
Gynecology,	2 "	"	
Surgical Anatomy,	1 "	"	
Hours per week,	*15*		

Total number of hours, 511.

Average number of hours per day, 2 5-6.

Pathological Laboratory.
College Clinics obligatory. (Not included in above.)

Senior Year.

Practice of Medicine, including Chest and Throat, and Nervous Diseases and Electrology, -	8	hours	a week.
Surgery, - - - - - -	4	"	"
Obstetrics, - - - - - -	2	"	"
Gynecology, - - - - -	2	"	"
Dermatology, - - - - -	1	"	"
Ophthalmology and Otology, - - -	1	"	"
Children's Diseases, - - - -	1	"	"
Dental Pathology (15 weeks), - - -	1	"	"
Medical Jurisprudence (15 weeks), - -	1	"	"
Hours per week, - - - -	*21*		

Total number of hours, 630.

Average number of hours per day, 3 1-3.

Clinics and Hospitals obligatory. (Not included in above).

PLAN OF INSTRUCTION.

Instruction is given by didactic lectures, recitations, clinical lectures, and practical work.

Didactic Teaching.—From three to five didactic lectures are given each day by a full corps of experienced teachers. These lectures are so arranged and apportioned among the different professors that all the branches of the curriculum are taught in a complete and systematic manner. Objective methods are given a prominent place in this department of instruction.

Recitations.—Some of the branches of the curriculum are taught almost entirely by recitations of regularly assigned lessons from text-books. Many of the subjects are partly taught by this method, while each professor, either by himself or his assistants, conducts frequent recitations and examinations, in order to supplement and enforce the teaching by lectures.

LABORATORY WORK.

In the several laboratories of the school opportunities are provided for practical instruction in Anatomy, Medical Chemistry, Clinical Microscopy, Histology, Pathology, and Bacteriology, as the following paragraphs will more fully indicate:

Anatomical Laboratory.—The dissecting-room is well lighted, well ventilated and warmed, and has all the conveniences for pursuing the study of anatomy. The Professor of Anatomy has general supervision of the work in this department, and the assistants give personal direction to each student, and make frequent demonstration of the viscera, and important regions and relations, and conduct a systematic quiz upon the work assigned. Before the student is admitted to the final examination in anatomy, she is required to dissect each division of the human body in a manner satisfactory to the Professor of Anatomy. A part of these dissections must be made during each of two winter sessions.

Chemical Laboratory.—A laboratory course, designed to illustrate those facts in chemistry which have a special relation to the practice of medicine, is given by the Professor of Chemistry. Students who desire to take a special course in chemical toxicology will have an opportunity to do so.

Histological Laboratory.—Each freshman student is required to work in the Histological Laboratory an equivalent of four hours each week, during the term. The course consists of the preparation of microscopic specimens, including hardening, cutting sections, staining, and mounting, and the study of histological specimens thus prepared. During the course the student becomes familiar with the principles of optics and the construction and use of the microscope and its accessories; also the morphology and physiology of the single cell, the primary tissues, and organs.

Physiological Laboratory.—The laboratory course in physiology is carried on in conjunction with the didactic teaching. The subject of embryology and its relation to medicine is given full attention.

During the Sophomore year students take the course in physiological chemistry.

Pathological Laboratory.—The Laboratory will be open for work at least four days a week from two to four P.M. It is provided with all the necessary appliances, including microscopes, etc. Before a student can enter the Pathological Laboratory, she must present credentials showing that she has completed the course in practical histology, and that she is familiar with microscopic technique.

Abundant opportunity for the study of gross morbid anatomy is presented in the deadhouse of the Cook County Hospital, attendance upon the demonstrations in which is obligatory.

Bacteriological Laboratory.—In this laboratory opportunity is given to prepare culture media, cultivate and study the common pathogenic bacteria, and to make experimental inoculations. A photographic-room has been recently added, with all the necessary appliances for this line of work.

Laboratory of Practical Pharmacy.—The course in this laboratory includes the making of pharmacopœial preparations, the compounding of prescriptions, the study of physical properties of the important medical drugs, and chemical and pharmaceutical incompatibilities.

CLINICAL INSTRUCTION.

The Lincoln Street Dispensary.—In this dispensary, which occupies the entire lower floor of the old college building, patients are treated daily throughout the year. Students are admitted in small classes for instruction. The cases are classified according to their diseases, and assigned to the respective college clinics.

College Clinics.—These are conducted weekly throughout the year, and are exclusively for the benefit of the students of this school. It is the aim to make these clinics especially valuable in systematically illustrating the didactic instruction.

HOSPITALS.

The hospitals to which the students have access afford excellent facilities for clinical instruction.

Cook County Hospital is situated directly opposite the school. It is one of the largest and best equipped general hospitals in the country. It has medical, surgical, and obstetrical wards, and a clinical amphitheater with a seating capacity of six hundred. Clinical lectures are delivered each week, embracing Surgery, Practical Medicine, Gynecology, Ophthalmology, and Otology. Professors Butler and Bouffleur are members of this staff, and the students of the school are admitted on the same conditions as those of other colleges.

Among the advantages of this hospital are the opportunities for studying pathological anatomy, as well as the methods of making *post-mortem* examinations. Autopsies, with lectures and demonstrations, are held every Wednesday at 8 o'clock A.M., by Dr. Ludwig Hektoen and Dr. A. R. Edwards in the Necropsy Theater.

The Mary Thompson Hospital for Women and Children.—This contains fifty ward beds, and gives excellent opportunities for the study of diseases of women and children, and for bedside instruction in obstetrics. This was formerly the Women's and Children's Hospital of Chicago, but upon the death of Dr. Mary H. Thompson, through whose influence it was founded, it was named

in honor of her. Prof. Marie J. Mergler is now Surgeon-in-Chief and Gynecologist to the hospital, an appointment which honors, in equal measure, our college and the hospital. Prof. Mergler will conduct a weekly clinic at the hospital, utilizing the abundant material at her command for the performance of operations and illustrating surgical methods of treatment. The following members of the Faculty are on the staff: Prof. Eliza H. Root, Obstetrics; Dr. Mary C. Hollister, Diseases of Eye and Ear; Prof. Vida A. Latham, Pathologist; Prof. Bertha Bush, Medical Diseases.

The Woman's Hospital of Chicago.—This hospital, which has recently been remodeled, is one of the most completely equipped gynecological hospitals in the country. Important operations are performed every week by members of the staff. A limited number of the graduating class are admitted on each operating-day. Profs. Marie J. Mergler and Henry T. Byford are on the staff.

The Wesley Hospital.—The Wesley Hospital has commenced work in temporary buildings, accommodating about thirty patients. Steps have already been taken looking to the erection of a hospital edifice containing not less than two hundred beds. The students of the Woman's School are invited in groups to all important operations. The following members of the Faculty are on the Medical Board: Prof. I. N. Danforth, Physician; Prof. Marie J. Mergler, Prof. Frank Cary, Gynecologists; Prof. Eliza H. Root, Obstetrician; Prof. D. W. Graham, Surgeon, and Prof. D. R. Brower, Neurologist.

Illinois Charitable Eye and Ear Infirmary.—The institution is easily accessible, and affords the best advantages for studying Ophthalmology and Otology. Clinics are given three or four times a week by the staff, of which Prof. Wm. T. Montgomery and Prof. D. W. Graham are members.

Practical Obstetrics.—Prof. Eliza H. Root's obstetrical clinic at the Mary Thompson Hospital for Women and Children affords excellent opportunities for clinical study. Members of the Senior and Junior classes will be called in classes of not less than four, and will be given an opportunity for study consistent with the welfare of the patients. The lying-in ward, Thursday's dispensary clinic, and a growing out-practice connected with the hospital afford opportunities for bedside instruction in the conduct of labor, after-care of mother and child, operative and aseptic technique methods of diagnosis, and independent study. Those wishing to extend their practical work will find in the obstetrical out-clinic of Hull House Dispensary, under the supervision of Effa V. Davis, M.D., Clinical Professor, excellent additional opportunities for bedside instruction and actual practice in scientific midwifery. We claim for our school unexcelled facilities for study in this important branch of medicine.

REQUIREMENTS FOR GRADUATION.

To be admitted to the degree of Doctor of Medicine, a student must be twenty-one years of age, and possess a good moral character. She must have studied medicine four full years, either under the direction of the Faculty, or a regular physician as a preceptor, and have attended at least three full courses of lectures in a recognized medical school (after June, 1898, four courses), the last of which must have been in this institution. To receive credit for any term of lectures she must have attended at least 80 per cent of the lectures of that course, and at least four months must intervene between any two courses.

She must have taken two courses in Practical Anatomy, and have dissected each of the usual divisions of the subject at least once under the supervision of some competent instructor. She must have taken one complete course in Practical Chemistry, one course in the Histological Laboratory, one in the Pathological Laboratory, one in the Laboratory of Practical Pharmacy, and two courses in Hospital Clinical Instruction. Every candidate must undergo a full and satisfactory written or oral examination on each branch included in this curriculum.

NOTE.—She must notify the Secretary of the Faculty of her intention of becoming a candidate, pay all dues, and deposit the examination fee with the Treasurer on or before April 15th.

HOSPITAL APPOINTMENTS.

Positions as internes or resident physicians in various hospitals are open to the graduates of the Woman's Medical School. These internes are selected by competitive examinations, or are appointed on account of high standing, and serve without pay for a term of from twelve to eighteen months. Members of the graduating class are eligible to examination and appointment in the Cook County Hospital, in which there are twelve vacancies annually. They are also eligible to appointment in the Illinois Eye and Ear Infirmary, which elects two or more internes and two or more externes annually. The Mary Thompson Hospital for Women and Children appoints

three internes annually, and three alternates; the Woman's Hospital of Chicago, two internes and two alternates; the Wesley Hospital of Chicago, one interne and one alternate; the Temperance Hospital of Chicago, one interne; the Benedictine Home, Des Moines, Iowa, and the New England Hospital for Women, Boston, generally one from the graduating class.

TEXT-BOOKS AND BOOKS OF REFERENCE.

The Faculty recommended to the students the following books as being among the best now in use; and those marked with * are used in this school:

Anatomy.—*Gray, Morris, Holden, Heath's.

Physiology.—*Kirke, Foster, Landois and Stirling.

Pathology.—*Ziegler, *Coats, Pepper's Surgical Pathology. *Post-Mortem Technique, Hektoen.

Chemistry.—*Simon, Purdy's Urinalysis, Halliburton's Chemical Physiology.

Materia Medica and Therapeutics.—*Butler, Potter, Shoemaker.

Surgery.—*The American Text-Book of Surgery, Park's Treatise, Vol. 1; Moullin's Treatise, Martin's *Essentials for Recitations*, Bryant's Operative Surgery.

Obstetrics.—*Lusk, Parvin, Grandin and Jarmin, *Surgical Obstetrics*, American Text-Book of Obstetrics, Playfair.

Diseases of Women.—Byford, Hart and Barbour, Thomas and Munde, Pozzi, *Mergler.

Children.—*Rotch, J. Lewis Smith, Ashby and Wright.

Practice of Medicine.—*Osler, Lyman, Strümpell.

Diseases of the Nervous System.—Gray, Weber, Regis, Bucknill and Tuke Gowers, Dana.

Diseases of the Chest, Throat and Nasal Cavities.—*Ingals, Mackenzie, Browne, Burnett, Corwin's *Essentials of Physical Diagnosis of the Thorax.*

Renal Diseases.—*Tyson, Robert's *Urinary and Renal Diseases*, Newman's *Lectures on Surgical Diseases of the Kidney.*

Dermatology.—*Kaposi, Crocker, Jackson.

Syphilography.—R. W. Taylor.

Ophthalmology.—*Noyes, Juler, Fuchs.

Otology.—Burnett, *Buck, Politzer.

Dental Surgery.—Talbot (Etiology of Osseous Deformities of the Head, Face, Jaws, and Teeth), Henry Sewill, Dental Anatomy and Surgery.

Microscopy.—*Wethered, Jaksch, *Seifert and Müller, Lee.

Hygiene.—Parkes, Buck, Wilson, Rhoe, v. Pettenkofer and v. Ziemasen.

Medical Jurisprudence.—*Reese, Ewell, Woodman and Tidy.

Histology.—Schæfer, Piersol and Klein, Benda's Atlas of Practical Histology.

Bacteriology.—*Abbott, Sternberg.

SCHOLARSHIPS.

The following scholarships have been founded in connection with this School:

No. 1. *The Grace Chandler Scholarship.*—The Woman's Presbyterian Board of Missions of the Northwest has established a perpetual scholarship for the education of medical missionaries. The money for this purpose was given by Mrs. Chandler, of Detroit, Michigan. Beneficiaries must be under the care of above Board, and must comply with all the rules and regulations of the school, except the payment of fees.

NOTE.—Further information will be furnished on application to the Medical Committee of the Board, Room 48, McCormick Block, or to the Secretary of the Faculty.

Nos. 2–3. *The Emily W. N. Scofield Scholarships.*—The Northwestern Branch of the Woman's Foreign Missionary Society of the Methodist Episcopal Church has established two perpetual scholarships for the education of medical missionaries. The money for this purpose was bequeathed by the late Mrs. Scofield, of Elgin, Illinois. Beneficiaries must be under the care of the Woman's Foreign Missionary Society of the M. E. Church, and must comply with all the rules and regulations of the school, except the payment of fees.

NOTE.—For further information apply to Mrs. H. G. Jackson, W. Monroe Street, or to the Secretary of the Faculty.

No. 4. *The Woman's Board of Missions of the Interior* (of the Congregational Church) has also established a scholarship in this school for the education of medical missionaries. The money for this purpose was also bequeathed by Mrs. Scofield. The rules above-stated also apply to this scholarship.

For further information apply to Miss Wingate, 59 Dearborn Street, Chicago.

No. 5. *The Woman's Presbyterian Board of Missions of the Southwest* has recently established a scholarship. The preceding rules govern students under this scholarship.

NOTE.—For information address Medical Committee, 1107 Olive Street, St. Louis, Mo.

No. 6. *The Elizabeth Skelton-Danforth Memorial Scholarship.*

This scholarship has recently been founded by Prof. I. N. Danforth, in memory of his late wife, and in recognition of her long and active interest in all that related to the education of women.

It is the design of the Faculty to make this scholarship, in the broadest sense, the reward of merit. It will be awarded annually to that student, having a Bachelor's Degree, who shall stand the highest in a competitive examination in the Arts and Sciences. The Examination will be held at the beginning of each term, and the scholarship awarded for said term by a committee of the Faculty. The beneficiary will be exempt from all fees for that year. Application should be made in writing before August 1st of each year.

NOTE.—For information address the Secretary of the Faculty.

EXPENSES.

Fees are payable *in advance*, and cannot be refunded or transferred to another term. Fees for the year ending June, 1898, are as follows:

Matriculation Fee.—Each student is required to pay at the time of first registration a matriculation fee of *five dollars.*

Annual Fee.—A fee of *seventy-five dollars* is paid annually, which entitles the student to admission to the lectures and clinics of the school. This fee must be paid before any of the tickets for practical work can be taken out.

ASSIGNMENT OF SEATS.

Students, after advancing ten dollars on the annual fee, are allowed to select seats in the lecture-rooms before the beginning of the term. Applications for seats should be made to the Secretary of the Faculty.

For further information in regard to the Woman's Medical School, address Prof. Marie J. Mergler, M.D., Secretary of the Faculty, Room 1203, 34 Washington Street, Chicago, Illinois.

THE SCHOOL OF MUSIC.

MUSIC HALL, EVANSTON.

HENRY WADE ROGERS, LL.D., PRESIDENT.

PETER CHRISTIAN LUTKIN, A.G.O., *Dean, Professor of Theory, Piano, and Organ.*
KARLETON HACKETT, *Instructor in Voice Culture.*
SARAH ELIZABETH COE, *Instructor of Piano.*
HAROLD EVERARD KNAPP, *Instructor of Violin.*
WILLIAM HENRY KNAPP, *Instructor of Voice Culture and Violoncello.*
HUBBARD WILLIAM HARRIS, *Instructor of Piano and Theory.*
CARLOTTA GLAZIER, *Instructor of Piano.*
CASPAR GRILNBERGER, *Instructor of Viola.*
WILLIAM Z. COLE, *Instructor of Flute.*
CHARLES J. KING, *Instructor of Clarinet, Oboe, and Bassoon.*
JOHN QUINN, *Instructor of Cornet and French Horn.*

The School of Music was established in 1895, and is the result of the successful development of what was formerly known as the Department of Music.

The aim has been to establish a thorough professional training-school in the higher branches of music-study, either as a theoretical, practical, or creative art. Provision is also made for the study of music as a part of general culture, or as an accomplishment.

With the spring term the school occupies its new building, north of Woman's Hall, near the University Campus. It is a substantially built structure, erected expressly for the needs of the School of Music. It contains well-arranged teaching and practice-rooms, an office, a gymnasium for young women, and a concert hall, seating over three hundred, and provided with a large stage, grand piano, and two-manual and pedal pipe organ.

ADVANTAGES.

The study of music in Evanston offers to the student the advantages of residence in a locality free from the distractions of a great city, and the opportunity of pursuing in the University an almost unlimited choice of other studies at small expense. The great series of orchestral concerts at the Chicago Auditorium, together with the Apollo Club concerts, and the frequent appearances of world-renowned artists in Chicago, are all within easy access from Evanston.

In the practical study of music the Faculty present the most approved methods of the leading German schools in instrumental music, and those of Italy in singing. The courses in musical theory are unusually complete and thorough. In conservatories of music the study of harmony is ordinarily completed in forty recitation-hours. In the School of Music over twice that amount of time is given to the subject, and the same relative increase of attention is true of the study of counterpoint and of composition.

Many opportunities are offered for musical cultivation by means of concerts, lectures, and recitals. A monthly series of Chamber Music Recitals is given by the University String Quartette and various members of the Faculty, which present many masterpieces of concerted music for solo instruments in the best manner. The Evanston Musical Club, composed of students and townspeople, gives two oratorios and one part-song concert annually, for which the best available solo talent is secured, both from this country and from Europe. The School of Music Symphony Orchestra, a student organization of real merit, assists the Evanston Musical Club in its oratorio concerts, gives excellent concerts of its own, and affords opportunity for experience with orchestral accompaniment to advanced vocal and instrumental students. Numerous piano, organ, voice, and violin recitals are given by members of the Faculty, and by students of the School.

COURSES.

The work of the School is divided into two parts, the Theoretical School and the Practical School, each of which is subdivided into the following courses:

THE THEORETICAL SCHOOL.

I. Normal or Teacher's Course.

II. Advanced Course, leading to a degree.

The complete course takes four years, and is open to students of the College of Liberal Arts without extra fee. The scheme of studies and credits is as follows:

A— Harmony.

1. Intervals, Triads, Triad Harmonization with near Modulations.
2. Harmonization continued: Addition of dominant Sept-chords and Inversions.
3. Harmonization continued, with addition of diminished Sept-chords and the application of Cadences.

Monday, Thursday, 1:30. Two hours.

Professor LUTKIN.

B— Harmony.

4. Application of Secondary Sept-chords and remote Modulation.
5. Altered and extended Chords. Passing and alternating tones. Appogiaturas.
6. Suspensions and Organ Point.

Tuesday, 1:30. One hour. Professor LUTKIN.

C— Musical Form.

7. Composition of Melodies, Anglican Chants, and Hymn-tunes.
8. Song, Trio, and Rondo Forms, Variations, Inventions, and Suites.
9. Sonata Forms, Canon, and Fugue.

Wednesday, 2. One hour. Professor LUTKIN.

D— Counterpoint.

10. Two-part Counterpoint.
11. Three-part Counterpoint.
12. Four and Five part Counterpoint.

Friday, 1:30. One hour. Professor LUTKIN.

E—13. Double Counterpoint and Canon.
14–15. Fugue and Free Composition.
Hours to be arranged. Two hours.
Professor LUTKIN.

F—16, 17, and 18. Acoustics, Free Composition, and Instrumentation.
Hours to be arranged. Two hours.
Professor LUTKIN.

G— Musical History.
19. General survey.
20. Development of the Oratorio and the Opera.
21. The great classical and modern composers.
Monday, 5:00. One hour. Mrs. COE.

Courses A, B, C, D, and G constitute the Normal course, of which A is taken the first year, B, C, and D the second year, and G during either year. The advanced course follows with E (one year) and F (one year). The candidate for a degree is also required to compose a work for chorus and orchestra of some length, introducing examples of five-part writing and contrapuntal treatment of the voices, and to prove his knowledge of English Literature, Mathematics, and his choice of Greek, Latin, German, or French.

THE PRACTICAL SCHOOL.

This includes the study of piano, organ, singing, and various orchestral instruments. It is divided as follows:

I. A Normal or Teacher's Course.
II. An Artist's Course.

I. NORMAL COURSE.

This course is designed especially for those intending to prepare themselves for teachers. It requires two years' theoretical work, including Harmony, Counterpoint, Analysis, and Musical History, as well as sufficient proficiency in playing or singing to creditably perform a programme containing standard examples of classical and modern compositions. To enter this course it is necessary that the student should have had from two to four years' systematic preparatory instruction.

II. ARTIST'S COURSE.

The requirements for this course are exceptional talent and application, as the work is designed to fit the candidate for the concert stage. In addition to exacting technical routine, advanced work is required in Counterpoint, Canon, Fugue, and Composition.

DIPLOMAS AND CERTIFICATES.

Diplomas will only be given to students completing course II in the Theoretical School. The fee for a diploma is $8.00.

Certificates are given upon the completion of course I in the Theoretical School, and courses I and II in the Practical School. The fee for a certificate is $5.00.

SCHOLARSHIPS.

To students of limited means and exceptional talent, free or partial scholarships may be given—at the discretion of the Dean. To secure such advantages a personal application and interview is invariably required.

EXPENSES.

A matriculation fee of $5.00 is charged all students at the time of entering the school. This fee is paid but once.

The tuition fee depends on the amount and character of the work taken, as indicated below:

PIANO.

(Two lessons per week.)

Fall Term, - - -	$28.00 to $56.00
Winter or Spring Term, - -	22.00 to 44.00

VOICE CULTURE.

(Two lessons per week.)

Fall Term, - - -	$35.00 to $70.00
Winter or Spring Term, - -	27.50 to 55.00

ORGAN.

(One lesson per week.)

Fall Term, - - -	$15.00 to $30.00
Winter or Spring Term, - -	12.00 to 24.00

VIOLIN, VIOLA, AND VIOLONCELLO.
(Two lessons per week.)

Fall Term,	$28.00
Winter or Spring Term,	22.00

ORCHESTRAL AND BAND INSTRUMENTS.
(One lesson per week.)

Fall Term,	$14.00
Winter or Spring Term,	11.00

THEORY AND COMPOSITION.

Fall Term,	$10.00
Winter or Spring Term,	9.00

PRACTICE ROOMS, WITH USE OF PIANO.
(One hour per day per term.)

Fall Term,	$3.50
Winter and Spring Term,	3.00

ORGAN PRACTICE.
(Rent of pipe-organ one hour per day per term, including blowing.)

Fall Term,	$12.00
Winter and Spring Terms,	10.00

NOTE.—The terms above are for half-hour private lessons, unless otherwise specified. Arrangements may be made for one lesson per week, although it is not usually desirable.

A diploma fee of $8.00 is charged students completing Course II in the Theoretical School.

A certificate fee of $5.00 is charged students completing Course I in the Theoretical School.

The classes in Harmony, Counterpoint, Composition, and Musical History and Analysis are *free* to those taking the Certificate or Diploma Courses, and to students paying full tuition in the College of Liberal Arts. The School takes this liberal course in the hope of creating a more widespread interest in the Theory of Music, the study of which is so essential to a thorough musical education.

In addition to this advantage, the lectures on Musical History, on the Lives and Works of the Great Composers, and kindred subjects, the Analytical Talks, the Solo Classes, the

classes in Ensemble Playing, and the Concerts and Recitals of the School will be free to all pupils, and the Sight Reading and Choral Clases will be free to those taking private lessons in any one branch.

Tuition is payable *strictly in advance.*

Lessons falling upon legal holidays, or missed through fault of student, are only made up at convenience of teacher. No deductions will be made to pupils for absence from lessons.

A Circular of Information, with more detailed account of the School of Music, is published annually. For a copy of this circular or other information, address Prof. P. C. Lutkin, Dean, Evanston, Ill.

THE SCHOOLS OF THEOLOGY.

Rev. Charles Joseph Little, Ph.D., LL.D., *President and Professor of Historical Theology.*

Rev. Miner Raymond, D.D., LL.D., *Emeritus Professor of Systematic Theology.*

Rev. Charles Frederick Bradley, D.D., *Professor of New Testament Exegesis.*

Rev. Milton Spenser Terry, D.D., L.L.D., *Professor of Christian Doctrine.*

Rev. Charles Horswell, B.D., Ph.D., *Professor of the Hebrew Language and Literature.*

Rev. Solon C. Bronson, D.D., *Cornelia Miller Professor of Practical Theology.*

Rev. Charles M. Stuart, D.D., *Professor of Sacred Rhetoric.*

Rev. Doremus A. Hayes, B.D., Ph.D., *Professor of English Exegesis.*

Robert McLean Cumnock, A.M., *Professor of Rhetoric and Elocution.*

William Caldwell, Sc.D., *Lecturer on Social Philosophy.*

William Warner Bishop, A.M., *Instructor in Greek and Assistant Librarian.*

Rev. Nels Edward Simonsen, D.D., *Principal of the Norwegian-Danish Department.*

The Garrett Biblical Institute, the Norwegian-Danish Theological Seminary, and the Swedish Theological Seminary, while under distinct corporate governments, constitute the Theological Schools of the University, and are situated on its grounds in Evanston.

GARRETT BIBLICAL INSTITUTE.

FACULTY.

Charles Joseph Little, D.D., LL.D., *President.*
Miner Raymond, D.D., LL.D.
Charles Frederick Bradley, D.D., *Secretary.*
Milton Spenser Terry, D.D.
Robert McLean Cumnock, A.M.
Rev. Solon C. Bronson, D.D.
Rev. Charles M. Stuart, D.D.
Rev. Doremus A. Hayes, B.D., Ph.D.
Charles Horswell, B.D., Ph.D.
William Caldwell, Ph.D.
William Warner Bishop, A.M.

The GARRETT BIBLICAL INSTITUTE has been in operation since 1856. It is open to all young men from any evangelical church who are proper persons to study in preparation for the Christian Ministry. It was established especially as a seminary where young men of this class from the Methodist Episcopal Church may be educated. It is supported by income from property in the city of Chicago, bequeathed in 1853, as a perpetual foundation, by Mrs. Eliza Garrett. It invites to its care and instruction young men in the Church whom God has called to be His ministers.

REQUIREMENTS FOR ADMISSION.

Students not licensed to preach are received on the recommendation of their respective quarterly conferences or temporarily, in failure of this, on a note from their pastor, promising it in due time. The form of recommendation authorized by the General Conference of the Methodist Episcopal Church is as follows:

"We, the members of the Quarterly Conference of---------- ---------- hereby express our judgment that---------- is called of God to the work of the ministry, and we recommend him to the care and instruction of the Garrett Biblical Institute."

Applicants from other churches will need to bring such certificates as are usually given by the denominations to which they belong. Students from other Theological Seminaries may be admitted *ad eundem* on presenting satisfactory testimonials of equivalent work and honorable dismission.

INSTRUCTION.

Those who enter the courses of instruction should have a thorough preparation. The College of Liberal Arts offers its advantages to those who require this preparation.

The aim is to embrace all departments of Theological Encyclopedia, as indicated in the following scheme:

A. EXEGETICAL THEOLOGY.

1. *Biblical Philology*—Hebrew and Greek Languages, and their cognates.

2. *Biblical Introduction*—Canonics, Criticism (Higher and Lower), Sacred Literature.

3. *Biblical Archæology*—Chronology, Ethnology, Geography, Antiquities.

4. *Hermeneutics*—(1) *General:* Study of Words, Grammatical Forms, Styles, etc. (2) *Special:* Study of Figurative Language, Parables, Allegories, Types, Symbols, Prophecy, Apocalyptics.

5. *Exegesis*—Critical and expository study of the several books of the Bible.

6. *Biblical Theology*—Development of Biblical Doctrine as distinct from Historical and Systematic Theology.

B. HISTORICAL THEOLOGY.

1. *Sources*—Canonical and Apocryphal books of the Bible, Pseudepigraphal books, sacred books of all nations, Archæological Monuments, Patristics, Symbolics, Liturgics, and Hymnology.

2. *External Development of the Kingdom of God*—Pre-Christian History of Israel and the Nations. Patriarchal period, Mosaic, Priestly, Regal, and Prophetic development, and Postexilian Judaism, life and work of Christ, the Apostolic Age, and ancient, mediæval, and modern periods of the Christian Church.

3. *Internal Development*—Religious life and thought of the Church, progress of the same through the centuries, History of Doctrines, Comparative Religion and Theology, and Sociology.

C. SYSTEMATIC THEOLOGY.

1. *Metaphysics*—Psychology, Ontology.

2. *Apologetics*—Evidences and Defenses of Revelation.

3. *Dogmatics*—Doctrine of God and Christology, Anthropology, Soteriology, Eschatology.

4. *Polemics*—The great issue of Theological Controversy.

5. *Irenics*—Methods of Conciliating Theological Differences.

6. *Ethics*—Theoretical, Practical.

D. PRACTICAL THEOLOGY.

1. *Evangelistics*—Winning Souls, Revivals, Evangelism, Missions.

2. *Catechetics*—Training of Children and Converts, Sunday School Work, Church Meetings, Means of Grace.

3. *Poimenics*—The Pastoral Office and Work, Administration of Discipline, Church Polity.

4. *Homiletics*—History, Science, and Art of Preaching, Preparation and Delivery of Sermons, Ideals of Sacred Rhetoric and Eloquence.

COURSES OF STUDY.

Two courses of study are offered, as shown in the schedule below:

I. DEGREE COURSES.

There are two Degree Courses, one leading to the degree of B.D., the other to the degree of Ph.D.

1. *The B.D. Course.*—This is a three years' course arranged for classical graduates of approved colleges. Applicants, upon registration, are required to present their diplomas. Students, not graduates of colleges, may be admitted to this course if, by examination not later than the close of the first term, they satisfy the faculty of their classical and literary fitness to complete it. The degree of Bachelor of Divinity is conferred upon all who meet its requirements to the satisfaction of the Faculty.

2. *The Ph.D. Course.*—By an arrangement with the College of Liberal Arts of the Northwestern University, the Institute is now able to offer to college graduates a resident course of study leading to the Degree of Doctor of Philosophy. Classical graduates of Northwestern University, or of any college of equal rank, are admitted to this course upon the following terms:

1. The applicant must have completed two full years of theological study, either in the Garrett Biblical Institute or in another theological school of recognized high standing.

2. He must be accepted as a candidate for the degree of Ph.D. by a vote of the faculty of the Institute, and be registered as a candidate for such degree with the Registrar of the College of Liberal Arts; after which he must continue in residence at least two years longer, and complete the work of two full years. Of this work, two thirds shall be taken in one department of the Institute—the department in which he does his primary work. The remaining third may be taken in not more than two departments of the Institute, or of the Graduate School of the College of Liberal Arts; the whole course of study selected to be subject to the approval of the

faculty of Liberal Arts, through its committee on Graduate Study. But during the two years of his residence, the candidate shall be subject to the direction of the head of the department in which his primary work is performed.

Of the four years required as a *minimum* for the degree of Ph.D., three at least must be spent in residence at a theological school of high standing, and the last two at Garrett Biblical Institute.

II. DIPLOMA COURSES.

1. *The Greek and Hebrew Course.*—This course is intended for those who desire to read and understand the Scriptures in the original, and yet are not prepared to do the work of the Degree Course. Greek is taught during three years, beginning with the elements. Hebrew is taught during the second and third year, beginning with the elements. The Greek class in exegesis read the Synoptic Gospels and the Acts in the Senior year. The Hebrew class read the poetical books of the Old Testament. In the other departments the work of this course is nearly the same as that of the Degree students.

2. *The Greek English Course.*—In this course, English exegesis is substituted for Hebrew. It is in other respects the same as the Greek and Hebrew Course.

3. *The English Course.*—In this course, training in the English Language, in Rhetoric, Logic, and Psychology takes the place of the study of elementary Greek and Hebrew, and English exegesis of the Scriptures is given instead of the study of the poetical books in Hebrew and of the Synoptic Gospels and Acts in Greek. The characteristic work of this course is in charge of Professors Stuart and Hayes, who have been selected by the trustees as men exceptionally fitted for the task. In the departments of Systematic, Historical, and Practical Theology, Elocution, and Sociology, the studies of the English Course are the same as in other diploma courses.

Students who complete either of these courses receive the diploma of the Institute. Three years are required for any one of them. Applicants for admission must present certifi-

cates from approved high schools or academies, otherwise they must pass a satisfactory examination in the studies prescribed by the Bishops for those who seek admission to an annual conference. [See Discipline, 1896, page 369.]

The General Conference has made it possible for the Annual Conferences to accept certificates of examination from the Institute. It will be our aim to make the certificates of Garrett exceedingly valuable. Our advice to all who are called to preach is to obtain the largest possible preparation before entering the Seminary, but in every case to seek the special advantages of theological study. From the days of Wesley until now, theological study has been required of Methodist ministers. So long as the circuit system prevailed, the older preachers were able to educate the younger, but in our day the theological school is the only device by which the ideal of our founder can be realized. For frequent contact with living and able teachers is the only device by which to develop intellectual power and to establish correct mental habits.

College Graduates enjoy with us exceptional advantages. In several departments, conspicuously in the Exegetical and Historical, they are formed into separate classes. They are encouraged and helped to special investigation, and receive from their professors continued personal attention in their chosen lines of study. They have access, also, by the courtesy of Northwestern University, to any classes of the College of Liberal Arts for which they have time and aptitude.

Diploma Students are accorded the largest privilege of election. They may devote their energies to the studies for which they are best adapted, assured that in either of the three Diploma Courses they will receive thorough instruction, be held firmly to high standards, and be trained carefully for the work of the ministry.

SCHEDULE OF STUDIES.

DEGREE COURSE.

JUNIOR CLASS.

FIRST TERM.	Hours a week.	SECOND TERM.	Hours a week.
Greek: Synoptic Gospels and Acts	3	Greek: Synoptic Gospels and Acts	3
Hebrew: Elements	4	Hebrew: Elements	4
Systematic Theology	3	Systematic Theology	3
Practical Theology	2	Practical Theology	2
Apostolic History	1	Archæology	1
Elocution: Vocal Culture	1	Elocution: Vocal Culture	3

MIDDLE CLASS.

FIRST TERM.	Hours a week.	SECOND TERM.	Hours a week.
Systematic Theology	4	Systematic Theology	4
Mediæval History	3	History of Reformation and Modern History	3
Greek: Pauline Epistles	2	Greek: Pauline Epistles	2
Hebrew: Syntax and Historical Books	3	Hebrew: Syntax and Historical Books	3
Practical Theology	2	Practical Theology	2
Elocution: Expression	3	Elocution: Expression	3
Sociology	1	Sociology	1

SENIOR CLASS.

FIRST TERM.	Hours a week.	SECOND TERM.	Hours a week.
Homiletics	4	Homiletics	4
History of Doctrine	2	Comparative Religions	2
Sociology	2	Sociology	2
Greek: Catholic and Pastoral Epistles	2	Greek: Johannine Writings	2
Hebrew: Prophets	3	Hebrew: Prophets	3
Elocution: Bible, Hymn, Liturgic Reading	3	Elocution	3

SCHEDULE OF STUDIES—DIPLOMA COURSES.

JUNIOR CLASS.

1. Greek and Hebrew Course.	Hours a week.
Greek: Elements	5
Biblical Introduction	2
Church History	3
Practical Theology	2
Elocution: Vocal Culture	3

2. Greek-English Course.	Hours a week.
Practical Theology	2
Greek: Elements	5
Biblical Exegesis	2
Church History	3
Elocution: Vocal Culture	3

3. English Course.	Hours a week.
Practical Theology	2
English	5
Biblical Exegesis	2
Church History	3
Elocution: Vocal Culture	3

MIDDLE CLASS.

Greek and Hebrew Course.	
Systematic Theology	3
Practical Theology	2
History: Mediæval, Reformation, Modern	3
Hebrew: Elements	4
Greek: Syntax	3
Sociology	1
Elocution: Expression	3

Greek-English Course.	
Greek: Syntax	3
English Exegesis	4
Practical Theology	2
Systematic Theology	3
Church History	3
Sociology	1
Elocution: Expression	3

English Course.	
Sacred Rhetoric	3
English Exegesis	4
Practical Theology	2
Systematic Theology	3
Church History	3
Sociology	1
Elocution: Expression	3

SENIOR CLASS.

Greek and Hebrew Course.	
Homiletics	4
History: Doctrine, Comparative Religions	2
Sociology	2
Greek: Synoptic Gospels and Acts	3
Hebrew: Poetical Books	1
Systematic Theology	4
Elocution: Reading	3

Greek-English Course.	
Greek: Synoptic Gospels and Acts	3
Systematic Theology	4
History of Doctrines and Comparative Religions	2
Practical Theology	4
Sociology	2
Elocution: Reading	3
Biblical Exegesis	1

English Course.	
Sacred Rhetoric	2
English Exegesis	3
Systematic Theology	4
History of Doctrines and Comparative Religions	2
Practical Theology	4
Sociology	2
Elocution: Reading	3

METHOD OF INSTRUCTION.

The method of instruction is by recitation and lectures and free discussion. Members of the Senior class are required to preach in turn before the Faculty and students of the Institute.

Great emphasis is laid upon instruction in elocution. Hence a course of training extending through three years is required of those who graduate. It is confidently proposed that every student who completes this work shall acquire a correct, forcible, and graceful elocution.

In addition to the instruction by recitation, lectures, and free discussions in the class-rooms, public lectures and addresses by distinguished persons are also given before the Faculty and students, covering all the topics which relate to the work of Christian scholars and pastors.

LIBRARIES.

The number of volumes in the Institute and University Libraries — the one for daily working use and the other for free reference — is over forty thousand.

Reading-rooms are connected with both, and supplied with the important dailies, weeklies, monthlies, and quarterlies in general and theological literature.

DEVOTIONAL EXERCISES.

Class exercises are opened with singing or prayer, and once during each day's proceedings the whole school assembles for public devotion. Prayer and conference meetings occur during each week, and these, with the various city Sabbath services and the week-day evening meetings, supply means for growth in practical religious knowledge, and in religious character.

Many students are engaged on the Sabbath at neighboring appointments in preaching and Sunday school work. During the past year over five hundred conversions were reported by the students.

LITERARY SOCIETIES.

The Athanasian Society aims to stimulate theological and literary studies by exercises in composition, criticism, and extemporaneous speaking.

The Missionary Society seeks, by its weekly meetings and by occasional public meetings and lectures by returned missionaries and others, to promote information on Home and Foreign Missions, and to keep alive the missionary spirit among the students.

BUILDINGS.

Heck Hall.—The rooms in Heck Hall are in suites, consisting of study, bed-room, and wardrobe, and are furnished with tables, book-cases, bureau stands, chairs, bedsteads, and mattresses. Students supply their own pillows, pillow-cases, sheets, bed-coverings, towels, crockery, and small articles.

Memorial Hall.—The Memorial Hall contains a large chapel, library, and reading-room, six lecture-rooms, with private rooms for professors, and a fire-proof vault for valuable books and papers. Both halls are heated by steam.

FINANCIAL AID.

Young men who have learned to earn and save money often work their way unaided through college and the theological school. The means of self-help in and around Evanston are but casual; yet a truly earnest and persevering student, with tact and helpfulness, many times finds, and even creates, opportunities for himself. To these help is rendered as far as practicable. Some sixty or seventy appointments have been made available to competent preachers among the students. Circumstances require that promises of aid be made with caution, and to the extent only of the ability to meet them. The institution covets consecrated young men who never quail in the presence of difficulties, and in every practical and useful way its aim is to aid them. The Board of Education of the Methodist Episcopal Church, located at

New York, renders very efficient help by its judicious system of loans.

The Sarah Stewart Fund, yielding four hundred dollars a year, is for the benefit of approved candidates for Missionary fields.

FORM OF BEQUEST.

Believing that persons who want to do good with their money may wish to make the Institute the medium of their benefactions, a form of bequest is hereby inserted:

"I give and devise unto the Garrett Biblical Institute, a corporation existing under the laws of the State of Illinois, and located at Evanston, in the county of Cook, in said state, the sum of"—[If in moneys, or if in property, give a description of the property and mention where it is located, and if the gift is designed to be applied to any specific purpose, state the object.]

EXPENSES.

Tuition and room-rent are free of charge to regularly entered theological students. When occupying a room in Heck Hall, each student is charged an incidental fee of twenty dollars, payable half-yearly in advance, for curator's service, fuel for public rooms, and general repairs. When not occupants of Heck Hall, students pay (half-yearly, in advance) a fee of five dollars a year.

NOTE.—Rooms in Heck Hall not occupied by regularly entered theological students can be used (subject to rules for conduct and residence) by students recommended for the ministry, who are connected with any of the departments of the University, and who intend to take the theological course in this institution, on condition that each occupant of a room pay thirty dollars a year, half-yearly in advance.

NORWEGIAN-DANISH DEPARTMENT.

A close relation has been established between Garrett Biblical Institute and the Norwegian-Danish Theological School, located at Evanston, under the principalship of the Rev. Nels E. Simonsen, A.M., D.D. By this arrangement the students of the Norwegian-Danish Department may take the entire course of study of the Institute, substituting instruc-

tion in one or more branches in their own tongue under Principal Simonsen. Upon the satisfactory completion of the course thus pursued, they will be graduated from the Institute. This department is established to prepare men for the ministry among the Norwegian and Danish people, and offers its students an opportunity to pursue their theological studies in the English, and Norwegian and Danish languages. The course of study extends through three years. Oral and written examinations are held at the close of each year, and those who complete the entire course in the Norwegian-Danish language are granted a certificate. Students are received on the recommendation of their respective conferences. A commodious and substantial building, containing dormitories and a dining-hall, has been erected by the Norwegian and Danish people for the use of students of this department.

SWEDISH THEOLOGICAL SEMINARY.

FACULTY.

Rev. Albert Ericson, A.M., *President.*
Rev. N. O. Westergreen, D.D., *Associate Professor.*

This school of theology began its work in 1870 at Galesburg, Ill. In 1882 it attained a permanent home in Evanston, Ill., where it is now established in a commodious building, valued at $8,000, and where facilities exist for obtaining access to the different departments of the University. It is under the supervision of the three Swedish Conferences in the Northwest.

It is the only school of its kind in the Methodist Episcopal Church, and from its ranks of students preachers are sent out to nearly every State in the Union. More than eighty ministers have been educated in the school since its beginning, and are laboring faithfully in different parts of the country.

The aim of this school is to do practical work in helping men toward success in the ministry. It was called into existence to meet the urgent and increasing demands for educated pastors and missionaries among the Swedish population in

the United States, which numbers more than a million souls. Its course of study is broad and practical; its ideals are high; its work is thorough; its methods are systematic, clear, and simple.

The Seminary is supported by the income from an educational fund, collected mainly among the Swedish Methodist churches in the Northwest.

CLASS INSTRUCTION.

JUNIOR YEAR.

Theology—Introduction to Systematic Theology (Text-book).
Biblical Introduction—(Text-book).
History—Ancient and Modern (Text-book).
Geography—Physical and Political (Text-book).
Swedish Language—Grammar; Reading; Dictation from English.
Swedish Bible—Practical Expository Exercises.
English Language.

MIDDLE YEAR.

Systematic Theology—(Text-book and Lectures).
Church History—(Text-book and Lectures).
Swedish Language—Grammar completed and reviewed; Rhetoric; an Essay once a month.
Elocution—Choice Readings, and Exercises in Declamation.
Sacred History—(Text-book).
Biblical Archæology—(Text-book).
Swedish Bible—Practical Expository Exercises.
English Language.

SENIOR YEAR.

Swedish Language—Literature; Rhetoric; an Essay every third week.
Dogmatics—Completed and reviewed.
Church Polity—M. E. Discipline and Lectures.
Pastoral Theology—Lectures.
Homiletics—The preparation and construction of Sermons.
Hermeneutics—(Text-book).
Church History—Completed and reviewed.
Elocution.
Sacred History—(Text-book).
Swedish Bible—Study of the Books; Practical Expository Exercises.
English Language.

The regular course of study in the seminary requires four years. The students' progress in their studies is determined by examination, both written and oral; and after a satisfactory completion of the full course they receive the Seminary diploma. There is no charge for tuition.

The friends and patrons of the institution, and all interested in its work, are cordially invited to visit the Seminary at any time, and to be present at the examination and Commencement exercises. Students are received on the recommendation of their respective Quarterly Conferences.

A special catalogue, giving further information in regard to Garrett Biblical Institute, is published annually. For copies of this catalogue or for other information relating to the Institute, address Charles J. Little, D.D., LL.D., Evanston, Ill.

Those desiring information respecting the Norwegian-Danish Department should address Rev. Nels E. Simonsen, D.D., Evanston, Ill.

Those desiring information respecting the Swedish Theological Seminary should address Rev. Albert Ericson, A.M., Evanston, Ill.

CATALOGUE OF STUDENTS

FOR

THE YEAR 1896–7.

COLLEGE OF LIBERAL ARTS.

FELLOWS.

Basquin, Olin Hanson, A.B., Harvard University, 1894; M.A., Northwestern University, 1895, Brakeman, O.
Physics.

Swezey, Otto Herman, A.B., Lake Forest University, 1896; Rockford, Ill.
Zoölogy.

CANDIDATES FOR ADVANCED DEGREES, AND OTHER RESIDENT GRADUATES.

Atchison, Hugh Dowling, *History*, *Wilmette.*
A.B., Northwestern University, 1887; B.D., Garrett Biblical Institute, 1890.

Booth, George, *Zoölogy*, *Onarga.*
Ph.B., Northwestern University, 1896.

Embree, Frances Buckley, *Political Economy*, *Evanston.*
A.B., Northwestern University, 1896.

*Fritze, Walter Carver, *Municipal Corporations*, *Chicago.*
B.L., University of Michigan, 1895.

Gloss, Mary Elgin, *Botany*, *Evanston.*
B.S., Northwestern University, 1892.

Hall, Sarah Anderson, *Latin*, *Evanston.*
Ph.B., Northwestern University, 1896.

Kerr, Ellis Kirk, *Zoölogy*, *Chicago.*
A. B., Northwestern University, 1896.

Lesemann, Louis William Fred, *History*, *Evanston.*
A. B., Central Wesleyan College, 1892.

Miller, Sumner Marcy, *Physiology*, *Peoria.*
A.B., Northwestern University, 1896.

Peabody, Augustus Stephen, *Administrative Law*, *Chicago.*
A.B., Yale University, 1895.

Pearce, James Newton, *Chemistry*, *Oswego.*
Ph.B., Northwestern University, 1896.

Phillips, Jessie Rogers, *French*, *Menominee, Mich.*
Ph.B., Northwestern University, 1895.

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*Deceased.

Reilay, Luella May, *German*, *Oakland, Cal.*
A.B., Leland Stanford, Jr., University, 1895.
Robison, Clarence Hall, *Zoölogy*, *Chicago.*
A.B., Northwestern University, 1895.
Stebbings, Albert Lester, *Pathology*, *Park Ridge.*
Ph.B., Northwestern University, 1893.
Smith, Faith Edith, *French*, *Aurora.*
Ph.B., Northwestern University, 1896.
Tanzy, Marvin Fuller, *Astronomy*, *Brookings, S. D.*
B.S., South Dakota Agricultural College, 1894.
Waller, Alfred Jocelyn, *English Language*, *Evanston.*
A.B., Northwestern University, 1896.

NON-RESIDENT GRADUATES.

Hall, Ella Ross, *English Language*, *Joliet.*
A.B., Northwestern University, 1895.
Kallander, Alice Gray, *German*, *Chicago.*
B.L., Northwestern University, 1894.
Okey, Ida Jane, *English Literature*, *Corning, Ia.*
Ph.B., Northwestern University, 1894.

CANDIDATES FOR A BACHELOR'S DEGREE.

Agat, Isaiah,	Ph.B.		*Chicago.*
Aikin, Edward J.,	A.B.	43	*St. Johns, Mich.*
Ainsworth, Oramel Collins,	Ph.B	73	*Marion, Kas.*
Allen, Elsie Dodd,	B.S.	32	*Gilman.*
Anderson, Bertha,	B.L.	69	*Sheldon.*
Anderson, Jens,	Ph.B.	100	*Harpster.*
Arnold, Laura Eleanor,	Ph.B.		*Peotone.*
Baird, Ruth,	A.B.	185	*Evanston.*
Baker, Bessie,	B.S.		*Carthage, Mo.*
Barber, Benjamin Russell,	Ph.B.	128	*Evanston.*
Barker, Eva Allen,	A.B.	145	*Milwaukee, Wis.*
Barnard, Cornelius Roosevelt,	B.S.		*Evanston.*
Barnum, Frank Wilson,	A.B.	70	*Lake Bluff.*
Bates, Ethel May,	B.L.		*Evanston.*
Bayne, Frank Holcombe,	B.S.	32	*Warren.*
Bear, Lawrence Percival,	B.S.	31	*Joetta.*
Bechtel, Arnaldo,	A.B.		*Marion, Ind.*
Beernink, Andrew,	Ph.B.	75	*Milwaukee, Wis.*
Beers, Grace Ellen,	Ph.B.	32	*Chicago.*
Beers, Sarah Mabel,	Ph.B.		*Chicago.*
Behner, George Henry,	A.B.	82	*Peoria.*
Bell, William Wilkinson,	A.B.	100	*Farmington.*
Benham, Fred Claude,	B.S.	66	*Winnebago.*
Bennett, Francis Asbury,	A.B.		*Piqua, O.*

Bennett, Marie Elnora,	B.L.		*Litchfield.*
Bennett, Will Ernest,	A.B.	159	*Waukegan.*
Betts, Otie Eleanor,	A.B.		*St. Joseph, Mo.*
Bilharz, Hattie May,	Ph.B.	161	*Audubon, Ia.*
Bliss, Helen Elizabeth,	B.L.		*Evanston.*
Blodgett, Alice Marie,	Ph.B.	107	*Beloit, Wis.*
Bobb, Boyd Byron,	A.B.	126	*Orangeville.*
Bobb, Dwight St. John,	A.B.	87	*Dakota.*
Bond, Dora,	Ph.B.		*Evanston.*
Boner, Charles Clarence,	B.S.		*El Paso.*
Bowen, Arthur John,	A.B.	176	*Neponset.*
Bowen, Lucy Isabel,	B.S.	127	*Kewanee.*
Bragdon, Elizabeth,	Ph.B.	34	*Evanston.*
Brewer, Frederick Auren,	Ph.B.		*Tampico.*
Broomhall, Edith Jane,	A.B.	116	*Montevideo, Uruguay, S.A.*
Brown, John Montcalm,	A.B.		*Evanston.*
Brown, Mabel,	B.S.		*La Salle.*
Brown, Robert Clarence,	Ph.B.	151	*Evanston.*
Brown, Victor Ernst,	B.L.	18	*Chicago.*
Brownell, Mary Frances,	B.S.	116	*St. Charles.*
Bryant, Nettie Ladora,	B.L.		*Hebron, Ind.*
Bucknam, Anabel Quinby,	B.L.	11	*Warren.*
Bucknam, Mary Lizzie,	Ph.B.	65	*Warren.*
Buntain, Cassius M. Clay,	A.B.	64	*Momence.*
Burnette, Charles Sumner,	B.S.		*Oakland, Ia.*
Burrows, Nellie Blanche,	B.L.	169	*Kansas City, Mo.*
Bush, Martin Daniel,	A.B.	136	*Britton, S. D.*
Bussey, William Henry,	A.B.	32	*Chicago.*
Butters, Rosie May,	Ph.B.		*Duluth, Minn.*
Byers, Noah Ebersole,	B.S.	112	*Sterling.*
Campbell, Elizabeth Butler,	B.L.		*Pecatonica.*
Campbell, Harriet Belle,	B.L.		*South Bend, Ind.*
Capron, Albert Slowden,	B.S.		*Winnetka.*
Caraway, Ann Estelle,	Ph.B	120	*Tuscola.*
Carman, Kathleen,	B.L.	164	*Evanston.*
Chase, Jane Alice,	B.L.		*Chicago.*
Clark, Bessie Waite,	B.L.		*Farmington.*
Clark, May,	B.L.	92	*Princeton.*
Clarke, Miriam Loretta,	B.L.		*Port Huron, Mich.*
Cleworth, Gilbert Drake,	A.B.	75	*Grossdale.*
Coburn, Edward Warner,	B.S.		*Evanston.*
Cole, Maynard Copeland,	B.S.	32	*Lyons, Ia.*
Colvin, Ruth Amanda,	B.S.	96	*Bonus.*
Comings, Alice Tenney,	B.S.		*St. Joseph, Mich.*

Comstock, Mary Emma,	A.B.	184	*North Manchester, Ind*
Conner, Jno. Wesley Ridgaway,	A.B.	172	*Chicago.*
Connor, William Henry,	A.B.	121	*Chicago.*
Cook, George Ezra,	Ph.B.		*Elgin.*
Cooke Andrew,	A.B.		*Waukegan.*
Crane, John Henry,	B.S.		*Chicago.*
Craven, Henry William,	B.S.		*Evanston.*
Crawford, Robert Kingsley,	A.B.	5	*Manhattan.*
Curfman, George Harden,	Ph.B.	28	*Maryville, Mo.*
Currey, Helen Marguerite,	A.B.		*Evanston.*
Dalbey, Loraine Emily,	Ph.B.	22	*Taylorville.*
Danely, Nellie Cole,	Ph.B.	174	*Decatur.*
Danforth, Sarah Esther,	Ph.B.	32	*Chicago.*
Danforth, William Clark,	Ph.B.		*Chicago.*
Davis, Elizabeth Frances,	Ph.B.	46	*Evanston.*
Davis, Lena Marie,	B.S.	129	*Chicago.*
DeBra, Harvey Rufus,	A.B.	109	*Evanston.*
Denison, Edmund Decatur,	A.B.	95	*Hanna, Ind.*
Dickson, Myrtle May,	B.L.	35	*Chicago.*
Doland, Alice Clara,	Ph.B.	30	*Chicago.*
Drew, Celia Anna,	Ph.B.		*Chicago.*
Earngey, Jennie Caldwell,	Ph.B.		*Elgin.*
Eckert, Nellie Blanche,	Ph.B.,	139	*Northwood, Ia.*
Eichbauer, Cecil,	B.L.		*Rockville Centre, N. Y.*
Eldridge, Lulu Geneva,	B.L.	84	*Kewanee.*
Ellis, Cora Evangeline,	Ph.B.	173	*Wheaton.*
Engstrom, Ebenezer Wash'tn,	A.B.	99	*Rockford.*
Essick, Walter Roy,	B.S.	160	*Evanston.*
Fahs, Charles Harvey,	A.B.		*New Whatcom, Wash.*
Fahs, Gertrude Elizabeth,	A.B.		*New Whatcom, Wash.*
Fahs, Helen May,	A.B.		*New Whatcom, Wash.*
Farr, Jessie Laurance,	B.L.	64	*Chicago.*
Fegtly, Samuel Marks,	Ph.B.	158	*Nevada, Ia.*
Fellingham, Clark Hughes,	B.S.		*Verona.*
Ferguson, Jean May,	B.S.	34	*Chicago.*
Fischer, Laura Eugenie,	A.B.		*Blue Island.*
Fisher Albert L.,	Ph.B.		*Evanston.*
Fisk, Ellen Green,	Ph.B.	88	*Evanston.*
Fitch, Marjorie Lucille,	Ph.B.	54	*Chicago.*
Flickinger, Roy Caston,	A.B.	78	*Mayfair.*
Foote, Florence Annette,	B.S.		*Belvidere.*
Fowler, Theodore Melvin,	Ph.B.	151	*Chicago.*
Freeman, Blanch Mae,	Ph.B.	85	*Chicago.*
Fretz, Edwin Henry,	A.B.	163	*Chalfont, Pa.*

Frost, Henry Hoag,	A.B.	35	*Lake Road, N. Y.*
Froula, Vaclav Karel,	A.B.	136	*Chicago.*
Fyfe, Cora May,	A.B.	87	*Chicago.*
Gates, Dana Lewis,	B.S.	170½	*Lena.*
Gates, Jesse Nevin,	A.B.	168	*Lena.*
Gazzolo, Victoria,	B.S.		*Chicago.*
Gillilan, Archibald Wilbur,	B.S.		*Viola, Ia.*
Gloss, Samuel Debenham,	B.S.	151	*Evanston.*
Golden, Charles James,	B.S.		*Rockford.*
Goodsmith, Jessie Bell,	B.L.		*Chicago.*
Goodwin, George Benjamin,	A.B.	138	*Milwaukee, Wis.*
Gough, Harry Bainbridge,	A.B.		*Peoria.*
Graff, Wilbur Wilson,	B.S.		*Rushville.*
Greenlaw, Edwin Almiron,	A.B.	168	*Flora.*
Haeusser, Arthur Henry M.,	Ph.B.	14	*Chicago.*
Hager, Alva L.,	B.S.		*Chicago.*
Hair, Alice Maud,	B.L.	61	*Evanston.*
Haist, Louis Philip,	A.B.		*Freeport.*
Hall, Clare Hamilton,	B.S.	27	*Rockford.*
Hall, Eliza Platt,	B.S.	82	*Chicago.*
Hall, Irwin Russell,	B.L.		*Azusa, Cal.*
Haller, Frank Hastings,	Ph.B.	117	*Lanark.*
Halsey, Ethel May,	Ph.B.	28	*Janesville, Wis.*
Hamaker, Jacob Gisb,	Ph.B.		*Abilene, Kas.*
Hammet, James Roy,	Ph.B.		*Tuscola.*
Handsaker, Lester Seymour,	A.B.		*Tacoma, Wash.*
Hanmer, Charles Ferguson,	Ph.B.	32	*Evanston.*
Hansen, Friederica Carolina,	B.L.	129	*Sioux City, Ia.*
Hard, William Amos,	A.B.	32	*Rosemond.*
Harden, Sarah Voorhees,	Ph.B.		*Toulon.*
Harris, Florence,	B.L.		*Beardstown.*
Harris, Winifred,	B.L.	115	*Beardstown.*
Hart, Stephen Price,	A.B.,		*Austin, Minn.*
Hart, Tobias Van Horn,	A.B.	29	*Knoxville, Ia.*
Heaps, Edith Estelle,	B.S.		*Kewanee.*
Heathcock, John Langton,	B.S.	128	*Bessemer, Mich.*
Heil, Charles Frederick,	A.B.	53	*Santa Ana, Cal.*
Hendrickson, Karl S.	B.S.	38	*Albion, Wis.*
Heppe, Amelia Dorothy,	B.L.	113	*Logansport, Ind.*
Herdien, Elmer Forrest,	A.B.	147	*Galva.*
Herdien, Walter Laurance,	A.B.	107	*Galva.*
Hicks, Joseph Justin,	A.B.	154½	*Maryville, Mo.*
Hoagland, Descom Deforest,	A.B.		*Winfield, Kas.*
Hochbaum, Elfrieda,	Ph.B.	75	*Chicago.*

Holmes, Ralph William,	B.S.	37	*Chicago.*
Horton, Juliet Grace,	B.L.	32	*Princeton.*
Houghton, Horace Levan,	Ph.B.	161	*Yorkville, Wis.*
Howard, William Edward,	B.S.	108	*Parshley, Mo.*
Hurlbert, Flora Dorothy,	B.S.		*Morrison.*
Hutchins, Edwin Stevens,	Ph.B.	154	*Chicago.*
Hutchinson, Bessie Bell,	B.L.		*Mineral Point, Wis.*
Irvine, Theodora Ursula,	B.L.	165	*Detroit, Minn.*
Janes, Katherine Lorena,	Ph.B.	161	*Quincy.*
Janes, Merle William,	Ph.B.		*Quincy.*
Johnson, Marvin Clarke,	B.S.	51	*Chicago.*
Johnston, Eleanor,	B.S.	158	*Evanston.*
Jones, Albert Reuben,	B.S.	72	*Bloomington.*
Jones, Frank Edgar,	Ph.B.	150	*Bloomington.*
Jones, Nettie Lizzie,	B.S.	112	*Austin.*
Jones, Paul Vernon,	A.B.	64	*Rockford.*
Jones, Walter Clinton,	A.B.	146	*Evanston.*
Judson, Lowell Byrns,	B.S.		*Lansing, Mich.*
Judy, John Milton,	A.B.		*Potomac.*
Juvinall, Clarence Franklin,	A.B.		*Higginsville.*
Kay, Wilbur Walter,	Ph.B.		*Watseka.*
Kean, Mary Imogene,	A.B.		*Evanston.*
Kendall, Harriet May Daisy,	B.S.	169	*Kansas City, Mo.*
Kenney, Walter Griffith,	A.B.		*Loda.*
Keyser, Philip Herman,	B.S.	80	*Kenilworth.*
Knowlton, George Blake,	B.S.	39	*Rochester, Minn.*
Kokubo, Sadanosuke,	A.B.	120½	*Nagoya, Japan.*
Lamb, Harriet Christiana,	Ph.B.	159	*Athens, O.*
Lane, Clara Adella,	Ph.B.	44	*Evanston.*
Lane, Clara Louise,	Ph.B.	32	*Chicago.*
Larsen, Austin Charles,	B.L	171	*Green Bay, Wis.*
Lasher, Grace Adele,	B.L.		*Highland Park.*
Lawler, Hiram Festus,	A.B.	47	*Green Valley.*
Lewis, Charles E.,	B.S.	20	*Yates Center, Kas.*
Lewis, Jessie Gordon,	Ph.B.	71	*Chicago.*
Livermore, Melva Amelia,	A.B.	154½	*Smith Centre, Kas.*
Long, Addie Elizabeth,	B.L.	57	*Evanston.*
Longley, Florence Mabel,	B.S.	24	*Winona, Minn.*
Longpre, Elmer Leon,	B.S.	80	*Momence.*
Loomis, Fred Leon,	Ph.B.		*Fort Dodge, Ia.*
Lott, Lewis Bullard,	A.B.	62	*West Pullman.*
Loutzenhiser, Peter Sternb'gr,	B.S.		*Canton, O.*
Lowell, Susie Eugenia,	Ph.B.	32	*Janesville, Wis.*
Lyons, Mary Eveline,	Ph.B.		*Ludington, Mich.*

MacHarg, Mary King,	Ph.B.	172	*Chicago.*
Machesney, William Nelson,	A.B.	89	*Grant Park.*
Mack, Nellie Eugenia,	A.B.		*Storm Lake, Ia.*
Maclay, Otis Hardy,	B.S.	159	*Evanston.*
Mantor, Charles Matthew,	B.S.		*Lisbon.*
Marsh, Ben Herbert,	B.S.	138	*Evanston.*
Martin, Arba,	B.S.		*St. Johns, Mich.*
Martin, Horatio Seymour,	A.B.		*Evanston.*
Matthei, Phillip Henry,	B.S.		*Palatine.*
Mattison, Georgia Donkersley,	Ph.B.	32	*Aurora.*
Mattison, Olina May,	Ph.B.	116	*Aurora.*
McCasky, Franklin Woodford,	A.B.	161	*Chicago.*
McCluskey, Frank,	A.B.		*Owaneco.*
McFall, Leslie Miller,	B.S.		*Mattoon.*
McIntosh, Arthur Tuttle,	B.S.		*Clear Lake, Ia.*
McLaughlin, Mary Hendley,	Ph.B.	46	*Evanston.*
McNett, Frank Warren,	B.S.		*Cary.*
McNett, Williard Nelson,	B.S.	136	*Cary.*
Mell, Aaron Wesley,	A.B.	106	*Marshalltown, Ia.*
Messner, Mabel Estelle,	Ph.B.	116	*N. Northfield.*
Metcalf, Annie Maria,	B.S.	32	*Evanston.*
Metcalf, Terressa Adelia,	Ph.B.	131	*Evanston.*
Meyers, Edward George,	B.S.		*Chicago.*
Milbank, Mary Louise,	B.S.	108	*Chillicothe, Mo.*
Miller, Alta Dorothy,	B.L.	168	*Evanston.*
Miller, George Haven,	B.S.	88	*Evanston.*
Miller, Maude Evangeline,	B.S.		*Winnebago.*
Milner, Isabella Sutherland,	A.B.	67	*Chicago.*
Milner, Sarah Fay,	Ph.B.		*Chicago.*
Minium, Willis Frank,	B.S.	78	*Winona.*
Mitchell, Louisa,	Ph.B.	41	*Evanston.*
Mitchell, Mott Payton,	Ph.B.		*Guthrie Centre, Ia.*
Money, Parke Cornelius,	A.B.	105	*Evanston.*
Monk, Alice Maude,	Ph.B.	113	*Chicago.*
Moore, Cornelia Sybil,	B.L.		*Logansport, Ind.*
Moore, Eva Estelle,	Ph.B.	126	*Evanston.*
Moore, Frank Allen,	B.S.		*Walla Walla, Wash.*
Morse, Albert Garish,	A.B.		*Evanston.*
Morse, Harriet Leland,	A.B.	168	*Evanston.*
Mowry, Clarence Harrison,	B.S.	144	*Newton, Kans.*
Muhleman, George Washington	B.S	81	*Evanston.*
Nesmith, George Taylor,	Ph.B.	41	*Capron.*
Nichols, Laura Ann,	Ph.B.	120	*Millbrook.*
Noble, Robert Avery,	B.S.		*McLean.*

Northrup, Albert Justin,	A.B.		*Ortonville, Minn.*
Null, Wilber Franklin,	A.B.	162	*Maryville, Mo.*
O'Brien, Laura Edith,	B.L.		*Chicago.*
Olp, Ernest Everett,	A.B.	79	*Chicago.*
Olson, Franlin Edward,	B.S.		*St. Joseph, Mich.*
Osborn, Harper Elmer,	A.B	160	*Sterling.*
Overholt, Nellie Esther,	B.S.	45	*Columbus Junction, Ia.*
Owen, Willard Clinton,	A.B.	43	*Mokena.*
Ozanne, Herbert Giles,	A.B.	82	*Somers, Wis.*
Paddock, Jessie Louise,	Ph.B.	79	*Prophetstown.*
Palmer, Mary Eckel,	B.L.		*Chicago Heights.*
Parkes, Irene Edna,	B.L.		*Evanston.*
Parsons, Harry Thaddeus,	B.S.	123	*Braidwood.*
Patterson Florence Margeurite,	Ph.B.	116	*Burlington, Wis.*
Payton, Ethel Inez,	Ph.B.		*Winterset, Ia.*
Pease, Kingsley Eugene,	B.S.	34	*Westplains, Mo.*
Pease, Rollin Malbone,	A.B.	128	*Highwood.*
Pease, Samuel James,	A.B.	198	*Highwood.*
Pendleton, Carleton Henry,	B.S.		*Evanston.*
Perkins, Bryant Leroy,	B.S.	109	*Polo.*
Phillipi, Ruth,	A.B.	86	*Omaha, Neb.*
Pickett, Charles Edward,	B.S.		*Evanston.*
Pickrell, Percy Callen,	A.B.		*Williamsville.*
Pierce, Ella Maria,	Ph.B.	70	*Evanston.*
Pierce, Frances Currey,	B.L.	27	*Malta.*
Plant, Thomas Jefferson,	A.B.		*Chicago.*
Porter, Jesse Bell,	A.B.	32	*Brookville.*
Post, Edith Mary,	B.L.	105	*Boise, Idaho.*
Powers, Sarah Cornelia,	B.L.	32	*Delavan, Wis.*
Prall, Mary,	Ph.B.		*Oak Park.*
Prickett, William Russell,	A.B.	86	*Pleasant Plains.*
Prine, Mary Ethel,	B.S.		*Bristol.*
Prochaska, Otakar L.	B.S.		*Chicago.*
Ransome, Alice Margaret,	Ph.B.	127	*Chicago.*
Rassweiler, Harry Clinton,	B.S.	126	*Naperville.*
Rawlins, Edward William,	Ph.P.	69	*Warren.*
Raymond, Edwards Frederic,	A.B.	102	*Evanston.*
Raymond, Elizabeth,	B.S.	18	*Evanston.*
Raymond, Jules Norton,	Ph.B.		*Evanston.*
Reed, Gertrude H.,	B.L.	20	*Evanston.*
Reeves, Eleanor,	Ph.B.	166	*Chicago.*
Reid, Robert John,	Ph.B.	112	*Neepawa, Man., Can.*
Reimers, Anna Catherine,	Ph.B.	175	*Evanston.*
Remington, James Elvon,	B.S.	102	*South Whitley, Ind.*

Reser, Lewis Grant,	A.B.	121	*Marionville, Mo.*
Reynolds, Mary Isabel,	Ph.B.	136	*Chicago.*
Riale, Florence Elnora,	A.B.		*Ottawa.*
Richardson, Edith May,	B.L.		*Rochester, Minn.*
Richardson, Julia Elnora,	B.S.		*Elgin, Minn.*
Richter, Christine Elenore,	B.L.		*Chicago.*
Ridings, Edward Joseph,	A.B.	145	*Morris.*
Roberts, Effie Isabel,	B.L.		*Remington, Ind.*
Robertson, Alice,	Ph.B.		*Fort Dodge, Ia.*
Rodgers, Emily Isabel,	Ph.B.	64	*Eleanor.*
Rostock, Benjamin Franklin,	Ph.B.		*Oregon, Mo.*
Russell, Hiram Erl,	A.B.	78	*Rockford.*
Ruther, George Edward,	B.S.	67	*Staunton.*
Sabin, Jay Horace,	B.S.		*Aurora.*
Sanders, Ida Isabella,	B.L.	79	*Virden.*
Sanner, Paul Simpson,	A.B.	156	*Prairie Home.*
Sawyer, Hosea George,	A.B.		*Palatine.*
Sawyer, Jessie Salanda,	Ph.B.	167	*Evanston.*
Schneider, John Michael,	A.B.	108	*Mt. Carroll.*
Scott, Jennie Neill,	A.B.		*Olney.*
Seager, George Wesley,	A.B.	30	*St. James, Minn.*
Semans, Clara Ellen,	Ph.B.	30	*Logansport, Ind.*
Sheppard, Margarethe,	B.L.	27	*Evanston.*
Shinn, Harold Brough,	A.B.		*Chicago.*
Siberts, Paul Raymond,	B.S.	81	*Evanston.*
Sibley, Edward Allen,	Ph.B.		*Chicago.*
Sisson, Edgar Grant,	Ph.B.		*Rochester, Minn.*
Sisson, Ralph James,	B.S.		*Rochester, Minn.*
Sloan, Chester Collins,	B.S.	18	*Moline.*
Slothower, Herbert William,	B.S		*Lamar, Mo.*
Sluss, Alfred Higgins,	Ph.B.		*Tuscola.*
Smith, Avis,	B.S.	31	*Clifton.*
Smith, Bessie Carolyn,	Ph.B.	34	*Chicago.*
Smith, Ernest Dailey,	A.B.	125	*Winfield, Kans.*
Snyder, Carl Forbes,	B.S.		*Riverside.*
Solenberger, Edwin DeWitt,	B.S.	22	*Polo.*
Springer, John McKendree,	Ph.B.	85	*Watertown, S. D.*
Stebbings, Mabel Frances,	Ph.B.		*Park Ridge.*
Stephens, Robert Allan,	B.S.		*Mattoon.*
Stevens, Edith Genevieve,	B.L.		*Evanston.*
Stewart, Charles Allen,	Ph.B.	159	*Evanston.*
Stewart, James Fackler,	B.S.	170	*Cayucas, Cal.*
St. John, Burton Little,	A.B.	106	*Sterling.*
Stuart, Anna,	B.L.	51	*Evanston.*

Sturgeon, Rollin Summers,	B.L.	13	*Rock Island.*
Sutton, Ulysses Grant,	A.B.		*Emporia, Kas.*
Swarthout, Ethel May,	A.B.	67	*Evanston.*
Sweeney, William Jackson,	B.S.	40	*Rock Island.*
Sweitzer, Harry Ellsberth,	Ph.B.		*Evanston.*
Tayler, Mary Ellen,	B.S.	32	*Green Bay, Wis.*
Taylor, Louise Martha,	B.S.	123	*Geneseo.*
Telling, Grace Elsie,	Ph.B.		*Chicago.*
Thistlewood, May Anise,	B.S.	92	*Cairo.*
Thomas, Percy Ernest,	A.B.		*Denver, Col.*
Thompson, Edna Browning,	Ph.B.		*Chicago.*
Thompson, Mary Edith,	Ph.B.		*Evanston.*
Thorne, Clarence Manly,	B.S.		*Evanston.*
Tilroe, Hughey Massey,	A.B.	44	*Chicago.*
Tomlinson, George Horace,	A.B.	109	*Marion, Kas.*
Unland, Cora,	Ph.B.		*Peoria.*
Van Doozer, Jesse Peck,	B.S.		*David City, Neb.*
Van Sickle, Grace Irmagarde,	B.S.	102	*Evanston.*
Vaughan, David Davis,	B.S.		*Chicago.*
Verbeck, Hila May,	A.B.	169	*Aurora.*
Volz, George Philip Kuhn,	A.B.	43	*Arlington Heights.*
Walker, Ella Kate,	Ph.B.		*St. Joseph, Mo.*
Walsh, Mary Hypatia,	B.S.		*Evanston.*
Waples, Marcia Paynter,	Ph.B.		*Dubuque, Ia.*
Ward, Harry Frederick,	A.B.	169	*Evanston.*
Warren, Le Roy Wells,	A.B.	160	*Evanston.*
Webb, Hartwell William,	A.B.	120	*Evanston.*
Welsh, Fred Edwin,	Ph.B.	112½	*Boone, Ia.*
Wente, Frances,	B.S.	75	*Manistee, Mich.*
Wheelock, Seymour Edwin,	B.S.		*Wilmette.*
White, Anna Louise,	B.L.	119	*Plattsmouth, Neb.*
White, Will Freemont,	A.B.		*Chicago.*
Whitlock, Royal Joseph,	Ph.B.		*Evanston.*
Wilkinson, Gilbert Haven,	Ph.B.		*Momence.*
Wilkinson, Nellie Blanche,	Ph.B.	166	*Evanston.*
Wilkinson, Rufus Herbert,	Ph.B.	114	*Evanston.*
Williams, Arthur Edward,	B.S.	96	*Kankakee.*
Williams, Willis Mac,	B.S.	46	*Vinton, Ia.*
Wilson, Harry Herbert,	B.S.	12	*Chicago.*
Wilson, Jackson Stitt,	A.B.	165	*Evanston.*
Wilson, Lewis Augustus,	A.B.	175	*Evanston.*
Wilson, Robert Edward,	Ph.B.	101	*Worth.*
Windsor, John George,	B.S.		*Evanston.*
Wing, Fred Merritt,	B.S.		*Evanston.*

Winslow, Charles Spaulding,	A.B.	132	*Waterman.*
Witt, Annie Mary,	B.L.		*Virden.*
Witter, Charles Edgar,	A.B.	175	*St. Louis, Mo.*
Wood, Albert Lewis,	A.B.		*Springfield.*
Woodburn, Wayne Victor,	Ph.B.		*McHenry.*
Woolbert, Charles Henry,	A.B.	24	*Ottawa.*
Wright, Armond Frederick,	A.B.		*Bay View, Wash.*
Wright, Cyrus Ames	A.B.		*Evanston.*
Wright, Owen, Jr.,	A.B.		*Mason.*
Wyrick, Basil Guy,	B.L.		*Evanston.*
Zavodsky, Frank Joseph,	A.B.	51	*Chicago.*
Zimmerman, Marion Eggls'tn.	B.L.	28	*Evanston.*
Zuppann, Anna,	B.S.	106	*Warsaw.*

NOT CANDIDATES FOR A DEGREE.

Axtell, Paul Woodbury,	*Morgan Park.*
Bangert, Lewis Edward,	*Peru.*
Barnes, Io,	*Duluth, Minn.*
Beard, Charles George,	*Polo.*
Bellamy, Wiley Orlando,	*Knoxville, Ia.*
Bemis, George Warren,	*Cawker City, Kan.*
Benn, Hester Eliza,	*Woodburn, Ia.*
Bird, George Alfred,	*Darlington, Wis.*
Blair, Herbert Francis,	*Ransom.*
Bowman, Anna Frances,	*Belvidere.*
Boyd, William,	*Evanston.*
Burchard, Ernest Francis,	*Evanston.*
Carpenter, Arthur Howe,	*Deadwood, S. D.*
Carter, Joseph J.,	*Burlington Junction, Mo.*
Catlin, Annie Lyman,	*Waterloo, Ia.*
Chaddock, De Clifford,	*Polo.*
Cosler, Alpha Bennetta,	*Indianapolis, Ind.*
Covell, Jennie Roseline,	*McHenry.*
Crissman, Ralph Maclay,	*Chicago.*
Cushman, Jeannette Emeline,	*Waterloo, Ia.*
Dorman, Oscar William,	*Freeport.*
Evans, Arthur Maybury,	*Ironwood, Mich.*
Gilbert, Barry,	*Cairo.*
Gould, Ruth Ana,	*Moline.*
Gray, Edwin Wilson,	*Rushville.*
Green, Albert Chillis,	*Bluffton, O.*
Hadley, May,	*Pioneer, O.*
Hamilton, Robert John,	*Gardner.*

Hanmer, Edward James,	*Evanston.*
Harding, Dwight Story,	*Evanston.*
Haugan, Paul,	*Evanston.*
Heaton, Inez,	*Elkhart.*
Hitt, Edith Augusta,	*Los Angeles, Cal.*
Homes, Daniel Jonathan,	*Polo.*
Hough, Beulah,	*Jackson, Mich.*
Hough, Jane Atkinson,	*Jackson, Mich.*
Houk, Charles William,	*Crown Point, Ind.*
Hunter, Joseph Andrea,	*Rockford.*
Irvin, Grace Edna,	*Rushville.*
Jewell, Jed Lake,	*Independence, Ia.*
Jolly, Franklin Pierce,	*Hutchinson, Kas.*
Keefer, Lelia May,	*Warrensburg.*
Keltner, Joseph Edward,	*San José, Cal.*
Knisely, Dessa,	*Butler, Ind.*
Lane, James Lewis,	*Warrensburg, Mo.*
Levings, Frank Marsh,	*Rockford.*
Linebarger, Isaac Bismarck,	*Chicago.*
Little, Harry Frank,	*Goodland, Ind.*
Lyons, Maude Isabelle,	*Evanston.*
Manard, Emma Rosalie,	*Rockford.*
Marble, Henry Ward,	*Crown Point, Ind.*
Marsh, Don Egbert,	*Evanston.*
Martin, Bessie,	*Des Moines, Ia.*
Mattison, George Eaton,	*Clinton, Ia.*
McCallum, Fred William,	*Valparaiso, Ind.*
McDonald, Percy Zehring,	*Chicago.*
McDougall, George Lafayette,	*Evanston.*
McGrew, Edward Wolcott,	*Chicago.*
McKinnie, Ralph Renwick,	*Evanston.*
McQuigg, Frederick Willis,	*Chicago.*
Merwin Samuel,	*Evanston.*
Mitchell, Florence Myrtilla,	*Evanston.*
Montgomery, Annie Mabel,	*Ireton, Ia.*
Mosher, Herbert S.,	*Walnut, Ia.*
Nicholson, James Calvin,	*Litchfield.*
Nordquist, Stella,	*McHenry.*
Perry, Albertus,	*Gloversville, N. Y.*
Pickett, Fenimore Cooper,	*Evanston.*
Pierce, Thirza,	*Evanston.*
Porter, Royal Arthur,	*Macomb.*
Potter, Albert Byron	*Beulah, Kas.*
Rea, Harry Andrew,	*Palatine.*

Richardson, Frank Lee,	*Argo, Col.*
Ritchie, Rowland Henry,	*Grafton, N. D.*
Rutledge, Edna,	*Evanston.*
Sauer, Florence Aleda,	*Chicago.*
Scudder, Theodore Yoeman,	*Evanston.*
Seabrook, Angelina Emily,	*Chicago.*
Sieberling, George Willard,	*Kokomo, Ind.*
Shinn, Harwin Benjamin,	*Springdale, Ia.*
Snodgrass, George Merrill,	*New Richmond, Wis.*
Spannuth, Dawilla,	*Noblesville, Ind.*
Stephens, William Henry,	*Mattoon.*
Strickler, Mary Cecelia,	*Lanark.*
Sweeney, Frank Linn,	*Rushville.*
Taylor, Albert Hoyt,	*Wilmette.*
Thayer, Effie Ellen,	*Evanston.*
Thayer, Jennie Constance,	*Evanston.*
Thayer, Lola Stephene,	*Evanston.*
Trethewy, Cyril Anthony,	*Bedford, England.*
Truby, Franklin Jesse,	*Maple Park.*
Uran, Joseph Alfred,	*Kankakee.*
Van Slyke, Louise,	*Kalamazoo, Mich.*
Webb, Francis J.,	*Lancaster, Wis.*
Welles, Isabella Woodbridge,	*Chicago.*
Wells, Howard Philip,	*Rock Island.*
Wheeler, Scott,	*Evanston.*
Wheeler, Wallace Earle,	*Chicago.*
Whipple, William Leonard,	*Rockford.*
White, Mattie Rebecca,	*Carrollton, Mo.*
Whitehead, Gertrude,	*Ogden, Ia.*
Whiteside, Edith Louise,	*Freeport.*
Williams Harmon D.,	*Havana.*
Wilson, Fanny Jane,	*Morrison.*
Window, Mary Reynolds,	*Evanston.*
Woodard, Fanny,	*Clinton, Wis.*
Wright, Mary Florence,	*Rochester.*
Young, Arthur,	*Hartley, Ia.*
Zimmerman, Edward Eggleston,	*Evanston.*

MEDICAL SCHOOL.

FOURTH YEAR.

Allen, Arthur Stewart,	*Sturgeon Bay, Wis.*
Andrus, Sylvester Claude,	*Cherry Valley.*
Balch, Ralph Emerson,	*Kalamazoo, Mich.*
Bane, Samuel,	*Arrowsmith.*
Berner, William Frederick, B.S., Iowa State Normal School.	*Chicago.*
Bick, John Morsdorf,	*Hammond, Ind.*
Boone, Howard B., A.B., Eureka College.	*Chandlersville.*
Browne, Garrett B.,	*Watseka.*
Cambourn, Stephen Abraham, A.B., Central Turkey College.	*Chicago.*
Chapin, LeRoy, B.S., Northwestern Normal School.	*Lewistown.*
Conley, John Mayo,	*Seattle, Wash.*
Coss, Osman Ames,	*Arrowsmith.*
Criger, Henry Frank,	*Whitewater, Wis.*
Daly, Timothy Albert,	*Elyria, O.*
Davis, James Henry,	*Atwater.*
Derebey, Christakes Apostolas, B.D., A.B., Amherst College and Andover Theological Seminary.	*Chicago.*
Dodds, Edgar Fay, B.S., Western Normal College.	*Macomb.*
Dohearty, Frank Patrick,	*Sturgeon Bay, Wis.*
Dyche, George Boyd, A.B., Northwestern University.	*Evanston.*
Eberhardt, Waldemar, B.S., Ballial College.	*Chicago.*
Eigenman, John Christian,	*Chicago.*
Firestone, Joseph Horace,	*Chicago.*
Grossman, Frederick Arthur,	*Chicago.*
Handke, Otto Karl,	*Chicago.*
Haney, James Milton,	*Chicago.*
Harder, Herman Peter, B.S., University of Wisconsin.	*New Holstein, Wis.*
Harpole, Winfield Scott,	*Chicago.*
Hay, Philip C.,	*Chicago.*

Hougen, Edward,	*St. Nazianz, Wis.*
Kahn, Charles,	*Joliet.*
Kelly, John William,	*Hannibal, Mo.*
Kenney, Francis Joseph, A.B., Royal University of Ireland.	*Chicago.*
Kirby, William Thomas,	*Chicago.*
Langhorst, William Charles,	*Aurora.*
Lesage, Charles Augustus E.,	*Chicago.*
McCarthy, William John, A.B., Carleton College.	*Madelia, Minn.*
McLeod, Sidney Bradford,	*Chicago.*
Marsden, Thomas Henry,	*Fenimore, Wis.*
Moate, Thomas,	*Pontiac.*
Morf, Paul Friedrich,	*Chicago.*
Morrisson, William Wallace,	*Chicago.*
Nesbitt, John Burke,	*Sycamore.*
Palmer, Frank Austin,	*Morris.*
Persons, Elbert Elvero, A.B , Ohio Wesleyan University.	*Delaware, O.*
Ricketts, Howard Taylor, A.B., University of Nebraska.	*Lincoln, Neb.*
Roberts, Albert J.,	*Ottawa.*
Rogers, Philip Fletcher, A.B., Yale University.	*Milwaukee, Wis.*
Rooney, Arthur Patrick,	*Horton, Kas.*
Schwartz, Charles William,	*Golden.*
Sissakian, Avedis H., A.B., Anatalia College, Turkey.	*Constantinople, Turkey.*
Smith, William Alder,	*Galena.*
Stair, Robert Preston,	*Ft. Atkinson, Wis.*
Struble, Andrew,	*Memphis, Mo.*
Taft, Jesse Winslow,	*Whitewater, Wis.*
White, Solon Marks, B.S., University of Illinois.	*Sandwich.*
Wright, Ulysses Alvora,	*Coatesville, Ind.*

THIRD YEAR.

Allen, Charles Bertram,	*Union Hill.*
Allen, Thomas Grant, A.M., Queen's University.	*Chicago.*
Baccus, Victor,	*Chicago.*
Bachhuber, Alphonse E.,	*Mayville, Wis.*
Bak, Edward William,	*Chicago.*
Barcal, Frank,	*Chicago.*
Barnesby, Percy Norman,	*Chicago.*
Bartine, William Wesley, B.D., Iowa State Normal School.	*Zearing, Ia.*
Beavers, Virgil,	*Barry.*

Beffel, John Marshall, S.B., University of Wisconsin. *Madison, Wis.*
Bench, Edward Manuel, *Galena.*
Bishop, Arthur Marion, *Lincoln, Neb.*
Bokhof, David Henry, *Freeport.*
Boyd, Guy T., *Fond du Lac, Wis.*
Brobeck, Joseph George, B.S., Cornell University. *Morgan Park.*
Clark, Tracy Hamilton, *Chicago.*
Clayton, George Reuben, *Nevada, Ia.*
Coffey, Titian James, *Peoria.*
Cole, Fern Morton, *Ida Grove, Ia.*
Collie, Joseph Arthur, *Delavan, Wis.*
Craig, George Gorgas, Jr., *Rock Island.*
Culbertson, Carey, A.B., Northwestern University. *Piper City.*
Cunningham, Wilson, B.S., University of Wisconsin. *Cobb, Wis.*
Curry, Thomas Walter, A.B., Lake Forest University. *Streator.*
Daly, James Joseph, B.D., Iowa State Normal School. *Elkader, Ia.*
Deering, Albert B., *Boone, Ia.*
De Swarte, Lawrence James, University of Chicago. *Chicago.*
Dietrich, Henry, Jr., *Chicago.*
Dinges, Edwin Knabb, *Decatur.*
Donaldson, Walter Foster, *Canonsburg, Pa.*
Donohue, Michael Joseph, *Antigo, Wis.*
Dudley, Roy Bickwell, A.B., Hamilton College. *Augusta, N. Y.*
Eggert, Frederick, *Chicago.*
Elliott, Charles Addison, B.S., University of Nebraska. *Lincoln, Neb.*
Farnsworth, Frank Bennett, *Janesville, Wis.*
Feeney, Francis S., *Rochester, Minn.*
Fisk, William Burnham, *Chicago.*
Flint, Oliver Josephus, *Princeton.*
Fuller, Erlan Gershom, *Mazon.*
Fuller, George Ernest, Ph.B., Alfred University. *Friendship, N. Y.*
Gee, Harl L., *Mt. Vernon.*
Gibbons, Francis Eugene, *St. Ansgar, Ia.*
Gibson, Harold Kenneth, *El Paso.*
Green, Frederick R., Ph.B., Oberlin College. *Chicago.*
Hagey, Harry Howard, *Davenport, Ia.*
Hall, Osman Frederick, *Elgin.*

Hecht, D'Orsay, B.S., *Chicago.*
University of Pennsylvania.
Heyerdale, Oscar Cornish, *Rochester, Minn.*
Hillis, David Swenie, *Chicago.*
Horner, Clyde Francis, *El Paso.*
Hoskins, George Henry, *Grant Park.*
Hull, Alva Rufus, *New Sharon, Ia.*
Kahn, Harry, Phar.M., *Chicago.*
University of Michigan.
Kern, Aaron, *Wabash, Ind.*
Kingman, John Charles, A.B., *Chicago.*
Dartmouth College.
Kurtz, Charles J., A.B., *Genesee, Mich.*
Kalamazoo College.
Leicht, Oswald, *Winona, Minn.*
Lesage, Arthur, A.B., *Chicago.*
St. Victoris College.
Lovewell, Charles Hubart, *Chicago.*
McGonagle, Thomas Charles, *Chicago.*
Markley, Robert William, *Belvidere.*
Matter, Charles M., *Chicago.*
Miller, Charles Henderson, Ph.G., *Chicago.*
Northwestern University School of Pharmacy.
Morrisson, John Henry, *Joliet.*
Mowry, Albert Earl, *Forsyth.*
Murray, William Kline, *Chicago.*
Oberlin, Thomas William, *Mansfield, O.*
Paine, Claude James, *Chicago.*
Palmer, George Thomas, *Chicago.*
Piper, Edward Douglass, *Chicago.*
Plummer, Henry Stanley, *Racine, Minn.*
Porter, John Edward, A.B., *Hill City, Kan.*
Fisk University.
Proogh, William Curtis, *Goshen, Ind.*
Sargent, Evlan, *Sheldon.*
Schneck, Sereno Watson, *Mt. Carmel.*
Smith, Lawrence Theodore, B.S., *Chicago.*
Kansas State University.
Snydacker, Emanuel Frank, *Chicago.*
Souder, Carl, B.S., *Larwill, Ind.*
Northern Indiana Normal School.
Trulson, Louis Martin, *Janesville, Wis.*
Van Tuyl, Harry Isaac, B.S., *Ypsilanti, Mich.*
University of Michigan.
Wagner, Thomas Henry, *Atchison, Kas.*
Walsh, Harry F., *Chicago.*
Wells, Ernest Eldred, *Winnebago.*
Wheeler, Russel Henry, *Beloit, Wis.*

Whiffen, Roscoe Albert,	*Janesville, Wis.*
Whitaker, William Batchelor,	*Chicago.*
Winn, Charles Simmons,	*Rockford.*
Wolff, Harry David,	*Chicago.*
Yanke, Albert Emil,	*Waukesha, Wis.*
Yoemans, Philip Horace,	*Chicago.*

SECOND YEAR.

Armstrong, George Cadawallader,	*Chicago.*
Bartran, William Henry, Jr.,	*Green Bay, Wis.*
Baxter, George Edwin, Ph.B., Illinois College.	*Griggsville.*
Beans, Lou Wesley,	*Salt Lake City, U.*
Beavers, Charles Edward,	*Barry.*
Bentley, Robert Samuel,	*Chicago.*
Bilstad, Gunerino Ellsworth, Ph.G., University of Wisconsin.	*Cambridge.*
Bobb, Earl Victor,	*Mitchell, S. D.*
Bokhof, Clayton Herman,	*Rock City.*
Bratrud, Theodore, B.A., University of Minnesota.	*Spring Valley, Minn.*
Brown, Gates Monroe,	*Ames, Ia.*
Brown, Harry Cortland,	*Denver, Col.*
Brown, John Reynolds, B.S., Augustana College.	*Chicago.*
Carlton, Edward Perkins, B.S., University of Wisconsin.	*Madison, Wis.*
Carroll, Henry Colistus,	*Chicago.*
Chapin, Clarence Willard,	*De Land.*
Cheney, Volney Shafer,	*Chicago.*
Churchill, Alfred Henry,	*Libertyville.*
Cutler, John Calvin,	*Grand Rapids, Mich.*
Daly, William Thomas,	*Elkader, Ia.*
Davis, Achilles, Ph.B., Northwestern University.	*Lowell, Ind.*
Day, Howard Woods,	*Lincoln, Neb.*
Fetherston, Ernest A.,	*Rock Prairie, Wis.*
Fiebiger, George John,	*Deansville, Wis.*
Finney, William Harrison,	*Clintonville.*
Foote, Walter Curtis,	*Chicago.*
Fralick, Ralph Simcoe,	*Chicago.*
Galbraith, Alexander,	*Tilton, Ia.*
Garraghan, Edward Francis,	*Chicago.*
Gavin, Stephen Edward,	*Waukesha, Wis.*
Goodwin, Henry French, B.D., B.A., Yale University and Olivet College.	*Lombard.*

Harder, Henry,	*New Holstein, Wis.*
Harmon, Walter Rogers,	*Chicago.*
Haskell, Hiram Abiff,	*Chicago.*
Hepburn, Alexander Hoyt,	*Eau Claire, Wis.*
Hess, Julius,	*Chicago.*
Hogue, Gustavus Ingomar,	*Chicago.*
Horner, Charles Perry,	*El Paso.*
Howard, Burt Foster,	*Glencoe.*
Kanavel, Allen Buckner, Ph.B., Northwestern University.	*Sedgwick, Kas.*
Keogh, Chester Henry,	*Chicago.*
Kilbourne, Edwin Dearborn,	*Chicago.*
Krebs, Adolph,	*Chicago.*
Lehman, Samuel Washington,	*Chicago.*
Leith, Samuel Stephenson,	*Kirkwood, Wis.*
Messing, Frank Joseph,	*De Pere, Wis.*
Miller, Johannes Jacobus,	*Ackley, Ia.*
Miller, Sumner Marcy, A.B., Northwestern University.	*Peoria.*
Morison, James Richard, B.Ph. University of Iowa.	*Traer, Ia.*
Morrissey, Thomas Bernard,	*Rockford.*
Moses, Howard Nelson,	*Geneseo.*
McClenahan, Henry Stewart,	*Colchester.*
McCormick, Ferdinand Claudius,	*Normal.*
O'Connor, John Dennis,	*Chicago.*
Price, Charles Jacob,	*Forreston.*
Raven, Fred. Joseph,	*Fond du Lac, Wis.*
Raycroft, Joseph Edward, A.B., University of Chicago.	*Chicago.*
Redshaw, Benjamin Franklin,	*Merritt.*
Rimmer, Frank, M.D.C., Chicago Veterinary College.	*Chicago.*
Ruehl, Max C.,	*Decatur.*
Schmidt, William John Charles,	*Lomira, Wis.*
Schoenfeld, Charles Joseph,	*Chicago.*
Shaw, John Warren,	*Chicago.*
Sissakian, Arsen H., Ph.G., Northern Indiana Normal School.	*Constantinople, Turkey.*
Skinner, William,	*London, Ont.*
Steffens, Joseph Ward, B.S., Carleton College.	*Racine, Minn.*
Stephen, Herman Ernest,	*Joliet.*
Stevens, Charles A.,	*Leigh, Neb.*
Sturm, Arthur Bernard, Ph.C., Northwestern University.	*Chicago.*
Taugher, Anthony Joseph,	*Osman, Wis.*

Thompson, George Farnsworth, B.S., *Oconto, Wis.*
University of Wisconsin.
Thomson, William Johnstone, *Harvard.*
Tyrrell, William Davis, *Elgin.*
Wagner, Guy Watts, Ph.G., *Chicago.*
Northwestern University.
Washburn, James Murray, A.B., *Kansas City, Mo.*
Harvard University.
Weber, Carl Ernst, *Chicago.*
Wilkinson, William Willing, B.S., *Chicago.*

FIRST YEAR.

Abercrombie, John S., *Chicago.*
Ackley, Conway Blaine, *Beloit, Wis.*
Aderhold, Thomas Maze, B.S., *Valley Falls, Kas.*
Washburne College.
Armstrong, Robert Gray, *Chicago.*
Bailey, Charles Whitney, Ph.G., *Hebron.*
Northwestern University School of Pharmacy.
Baskin, Eugene Lawrence *Chicago.*
Batcheller, Walter Benson, *Chicago.*
Becker, William Louis, Ph.G., *Dubuque, Ia.*
Northwestern University School of Pharmacy.
Beehler, Louis, *Manchester, Ia.*
Beilstein, Frederic William, *Chicago.*
Blackstone, George R. *Pennington Point.*
Bley, Walter Clarence, *Beardstown.*
Boughton, Charles Wheelock, A. B., *Topeka, Kas.*
Washburne College.
Bowles, Edmund J. *Chicago.*
Brinkman, William Henry, *Chicago.*
Brown, Morrow Duncan, *Chicago.*
Benner, Adolph Louis, LL.B., *Chicago.*
Northwestern University School of Law.
Carrell, Morton Drew, *Chicago.*
Cavano, Will M., B.S., *Burlington, Wis.*
Northwestern University.
Collins, Lorin Cone, 3d, *Chicago.*
Crown, Frank Anton C., *Evanston.*
Cubbins, William Robert, B.S., *Memphis, Tenn.*
Centre College.
Cullen, George Albert, *Lincoln, Neb.*
D'Ancona, Clarence P., *Chicago.*
Damm, Eugene Francis, *Ottawa.*
Davis, Ernest Elisha, *Littleton.*
Du Four, Walter George, *Chicago.*
Drouin, Joseph Alfred, B.S., *Quebec, Can.*
Laval University.

Ehmer, Joseph Wilbur,	*Mayville, Wis.*
Farrell, William Davidson,	*Mason City, Ia.*
Feese, Jean P.,	*Chicago.*
Felt, Roland A.	*Chicago.*
Frantz, Charles P., B.S., Iowa Wesleyan University.	*Burlington, Ia.*
Fazen, Louis Edward,	*Racine, Wis.*
Gibson, Charles, B.S., University of Illinois.	*Chicago.*
Groves, Royal George,	*Williamsville.*
Haeberlin, John Benjamin.	*Ottawa.*
Hall, Fred Guy,	*Lincoln, Neb.*
Hall, Gilbert Hoke, B.A., University of Nebraska.	*Lincoln, Neb.*
Halverson, Edwin Bernard,	*Janesville, Wis.*
Handy, Moses Purnell, Jr.,	*Chicago.*
Hart, Edson,	*Bloomington.*
Hawks, Joseph Knowlton P.,	*Bloomington.*
Hedgecock, Charles W.,	*Chicago.*
Hollister, John Chamberlain, A.B. Yale University.	*Grand Rapids, Mich.*
Holmes, Raynor Elmore,	*Chicago.*
Horwitz, Alexander Philip,	*Chicago.*
Hultgen, Jacob Friedrich,	*Chicago.*
Jeffers, Frank,	*Chicago.*
Johannes, Philip William, Ph.G. Northwestern University School of Pharmacy.	*Chicago.*
Johnson, Herbert Abraham,	*Princeton.*
Johnson, Hiram Conover,	*Fond du Lac, Wis.*
Kallenberg, Henry Frederick, Ph.B. Iowa State University.	*Chicago.*
Karcher, William Leonard,	*Freeport.*
Kerr, Ellis Kirk, A.B., Northwestern University.	*Chicago.*
Legnard, John B., Jr.,	*Waukegan.*
Long, Harry Wadsworth,	*Escanaba, Mich.*
Loomis, Phillip Albert,	*Chicago.*
Louis, Ike,	*Chicago.*
McClave, Arthur W., A.B., University of Nebraska.	*Western, Neb.*
McCornack, Peter Daniel,	*Traer, Ia.*
McGinnis, Edwin,	*Chicago.*
McNeill, Henry Iles, Ph.B. Northwestern University.	*Evanston.*
Maguire, William H.	*Chicago.*
Miller, Frank Russell,	*Beardstown.*
Mowry, Louis,	*Sturgeon Bay, Wis.*

Myers, Edward Morrisson, A.M., Iowa Wesleyan University.	*Mt. Pleasant, Ia.*
Newell, Frank Fordyce,	*Burlington, Wis.*
Palmer, Charles Edward,	*Sioux City, Ia.*
Paull, Norman Morton, S.B., Worcester Polytechnic Institute.	*Fairhaven, Mass.*
Pech, Albert, Jr.,	*Chicago.*
Pretts, William Walter, B.S., University of Wisconsin.	*Chicago.*
Purves, George,	*River Falls, Wis.*
Rall, George Washington,	*Des Moines, Ia.*
Randall, Clinton Lincoln,	*Callao, Mo.*
Reynolds, Ernest Ray,	*Grand Haven, Mich.*
Richter, Arthur Jacob,	*Chicago.*
Roehler, Henry Dedrick,	*Bloomingdale.*
Rubovits, William Henry,	*Chicago.*
Rupp, William,	*Oshkosh, Wis.*
Sampsell, Isaac Ward,	*Caledonia, O.*
Schram, David Leo, Ph.G. Chicago College of Pharmacy.	*Chicago.*
Schlieker, Alexander Grant,	*Chicago.*
Scott, Arthur Tressler,	*Ottawa.*
Scott, Charles Ruben,	*Belvidere.*
Souder, Ralph Witt, B.S., Northern Indiana Normal School.	*Larwill, Ind.*
Staatz, John Harvey,	*Enterprise, Kas.*
Tallman, Claude Addison,	*Chicago.*
Tallman, Homer Hinton,	*Evanston.*
Tarnowsky, George de,	*Chicago.*
Taylor, Maurice Hume,	*Geneseo.*
Thomsen, Carl,	*Chicago.*
Thorburn, Richard Henry,	*Ogden, Utah.*
Walker, John Douglas,	*Platteville, Wis.*
Wenstrand, David Eric William,	*Chicago.*
Wenzell, John Valentine, Ph.G., Northwestern University School of Pharmacy.	*Chicago.*
Wheeler, Roy McMillan,	*Creston.*
White, Herman,	*Chicago.*
Williams, Charles Lafayette,	*Lafontaine, Kas.*
Williams, Roy Daniel,	*Antioch.*
Willits, Alfred Joy,	*Michigan City, Ind.*
Wilson, Henry Kirke,	*Chicago.*
Wing, Walter Symour,	*Naskota, Wis.*
Wright, Sherman Elijah,	*Chicago.*
Wyllys, Henry Amos,	*Kingston.*

THE LAW SCHOOL.

SENIOR CLASS.

Adams, Andrew Matt,	*Albuquerque, N.M.*
Alexander, Robert Edgar,	*Chicago.*
Ashcraft, Raymond Moore,	*Chicago.*
Baker, Francis Joseph, B.S., University of Michigan.	*Chicago.*
Barber, John Andrew, Ph.B., Illinois College.	*Cantrall.*
Barnes, William Smith,	*Chicago.*
Bittenbender, Harry Afton,	
Blatchford, Charles Hammond, B.S., Cornell University.	*Chicago.*
Bowersock, Fred Holmes, B.C.E., University of Kansas.	*Lawrence, Kas.*
Brandon, Henry Judah,	*Chicago.*
Brillow, Dionysius Boloslaus,	*Chicago.*
Bullard, Joel Elworthy,	*Maywood.*
Campbell, Charles Bishop, A.B., Northwestern University.	*Manteno.*
Campbell, Kenneth Alexander,	*Chicago.*
Carey, Joseph G., A.M., Santa Clara College.	*Chicago.*
Cella, Charles Joshua,	*Chicago.*
Charles, Albert Norman,	*Chicago.*
Cleary, John J.,	*Chicago*
Cordeal, John Francis,	*McCook, Neb.*
Crawford, Clair Edgar,	*Richmond, Va.*
Creekmur, David Wilson,	*Tower Hill.*
Davies, Benjamin George,	*Diamond Lake.*
Davis, Francis Wolf, B.L., University of Notre Dame.	*Lincoln, Neb.*
Devitt, James Breslin,	*Chicago.*
De Young, Frederic Robert, B.S., Northern Indiana Normal.	*South Holland.*
Diehl, Christopher Bismark,	*Salt Lake City, Utah.*
Dray, Gail, B.S., Princeton University.	*Chicago.*
Eagleton, Leander Oscar, B.S., McKendree College.	*Newton.*

Farnsworth, Lee Orville, *Chicago.*
Fritze, Walter Carver, B.L., *Chicago.*
University of Michigan.
Fulton, Frank S., A.B., *Gibson City.*
Knox College.
Garfield, Wade, *La Fox.*
Gentzler, Adam Henry, *Constantine, Mich.*
George, Albert Bailey, *Washington, D.C.*
Gëweke, Julius Heinrich, *Morton Grove.*
Gillette, Howard Frank, *Chicago.*
Hall, Henry Clay, B.S., *Wesley, Ind.*
Wabash College.
Harbert, Arthur Boynton, *Evanston.*
Harzfeld, Jacob Albert, *Kansas City, Mo.*
Haskin, Elkanah Harley, A.B., *Lenexa, Kas.*
Baker University.
Haven, Fred Stewart, Ph.B., *New Lennox.*
Northwestern University.
High, Shirley Tredway, A.B., *Chicago.*
Yale University.
Hill, Charles Southworth, *Chicago.*
Hirtenstein, Herman, *Chicago.*
Holt, Robert Lincoln, B.L., *Waukesha, Wis.*
University of Wisconsin.
Holzheimer, Samuel Burton, B.L., *Chicago.*
Cornell University.
Hoyne, Maclay, A.B., *Chicago.*
Williams College.
Hutson, Willis Hurbert, *Chicago.*
Johnston, Morris Leidy, *Chicago.*
Karasek, Ferdinand J., A.B., *Chicago.*
Knox College.
Kenney, Elizabeth L., *Los Angeles, Cal.*
Kirkman, Marshall Jay, *Evanston.*
Lee, John Henry Sheldon, A.B., *Waukegan.*
Harvard University.
Little, Charles George, B.S., *Evanston.*
Amherst College.
Lowes, Forrest Mitchison, *Geneseo.*
Lyman, David Brainard, Jr., A.B., *La Grange.*
Yale University.
McCord, Andrew L., *Blue Island.*
McRoberts, William Gardner, *Peoria.*
Marsden, Frank Freeman, B.S., *Fennimore, Wis.*
Northwestern University.
Mason, Roswell Bertram, A.B., *Chicago.*
Yale University.
Mattison, Mortimer Wheeler, Ph.B., *Aurora.*
Northwestern University.
Mayama, Masaichiro, *Tokio, Japan.*

Metzger, Henry Ferdinand,	*Sault Ste. Marie, Mich.*
Millar, Robert Wyness,	*Chicago.*
Morehouse, Charles Nelson,	*San Diego, Cal.*
Munroe, Charles Andrews, A.B., Middlebury College.	*Middlebury, Vt.*
Murphy, Joseph Jasper,	*Chicago.*
Nave, Frederick Solomon, A.B., Ohio Wesleyan University.	*Ft. Niobrara, Neb.*
Newberry, Sylvester Allen,	*Pendleton, Ore.*
Packard, Herbert Ware,	*San Diego, Cal.*
Peabody, Augustus Stephen, A.B., Yale University.	*Chicago.*
Perry, James Alfred,	*Chicago.*
Ramsey, Gordon Aiken, Ph.B., Northwestern University.	*Glencoe.*
Ray, George A.,	*Rossville.*
Rickcords, Frederick,	*Chicago.*
Robertson, Frank,	*Barrington.*
Rutter, Lynn Ryerson, B.S., Princeton University.	*Chicago.*
Sheldon, Joseph Gilbert,	*Chicago.*
Simons, Harry, A.B., University of Michigan.	*Chicago.*
Smith, Frederick Henry, B.S., Wheaton College.	*Winnebago.*
Stanley, John L., Ph.B., Scarritt Collegiate Institute.	*Edwardsville.*
Stone, Harry Wheeler, A.B., University of Chicago.	*Chicago.*
Sullivan, William J.,	*Chicago.*
Synnestvedt, Paul,	*Chicago.*
Taylor, Clayton Robbins,	*Bay City, Mich.*
Taylor, Joseph Luther, A.B., Baker University.	*Arcadia, Kas.*
Ton, Cornelius J.,	*Chicago.*
Turel, Edmund F., A.B., Santa Clara College.	*San José, Cal.*
Van Sellar, Frank Collins, A.B., Princeton University.	*Paris.*
Walters, Francis William,	*South Elgin.*
Warren, Clyde La Fayette, B.L., University of Wisconsin.	*Waupun, Wis.*
Weed, Henry Warren,	*Delavan, Wis.*
Wilkinson, Harry Bannister,	*Evanston.*
Witwer, Edward Brown, Ph.B., Northwestern University.	*Chicago.*
Woolverton, Monta Gordon,	*Hoopeston.*

FIRST YEAR.

Abrahams, Joseph,	*Chicago.*
Ashcraft, Edwin Maurice, Jr.,	*Chicago.*
Barber, Cameron,	*Chicago.*
Bassett, Wilbur Wheeler, Ph.B., University of Chicago.	*Chicago.*
Beck, Herbert Merritt,	*Fort Smith, Ark.*
Bishop, James Franklin,	*Evanston.*
Browne, Vernelle Freeland,	*Chicago.*
Brucker, Ralph,	*Chicago.*
Buckthorpe, Thomas Henry, Ph.B., Illinois College.	*Jacksonville.*
Cahn, Bertram Joseph, A.B., Yale University.	*Chicago.*
Campbell, David Tweedie,	*Chicago.*
Campbell, John Tyler, B.S., University of Chicago.	*Chicago.*
Canfield, Horace, A.B., Harvard University.	*Elmhurst.*
Catherwood, Robert Karl Scott, B.S., Northwestern University.	*Hoopeston.*
Cliffe, Adam Collins,	*Sycamore.*
Craven, Alfred Wesley, Ph.B., Northwestern University.	*Belvidere.*
Crawford, Richard C.,	*Chicago.*
Crossley, Frederic Beers,	*Honesdale, Pa.*
Curtis, Earnest Alonzo,	*Grant Park.*
Dayton, Grant Alvin,	*Chicago.*
Durfee, Frank Edward,	*Chicago.*
Elder, Charles Byrd,	*Chicago.*
Espey, Charles Walker, B.S., Knox College.	*Galva.*
Feeney, Bernard Cyril,	*Rochester, Minn.*
Fetzer, William Ray,	*Ottawa.*
Flagg, Arlo Monroe, B.S., Olivet College.	*Kalkaska, Mich.*
Frank, Bertram Wendell,	*Blue Island.*
Fraser, Philip Robert,	*Bourbonnais.*
Getzelman, Theodore Edwin,	*Elgin.*
Grimes, Samuel McClellan, B.S., Washington and Jefferson College.	*Nunda.*
Heideman, Edwin Fred,	*Elmhurst.*
Hempel, Charles P.,	*Chicago.*
Henssgen, Oscar Sans,	*Joliet.*
Herbst, Charles Frederick, Jr.,	*Wapakoneta, Ohio.*
Hollis, Henry Leonard, E.M., Columbia College.	*Chicago.*

Jacobsen, John Nicholas,	*Chicago.*
Jezierney, Peter Paul,	*Chicago.*
Kent, Louis Maxwell, A.B., University of Illinois.	*Danville.*
Kilgour, William Shore,	*Kenilworth.*
Kimbark, Daniel Avery,	*Evanston.*
King, Charles Homer, A.B., Northwestern University.	*Waukegan.*
Koehler, Charles,	*Chicago.*
Koepke, Charles Albert,	*Chicago.*
Kropf, Richard Edward, A.B., Washburn College.	*Richland, Kas.*
Lasker, Isidor,	*Chicago.*
Laughlin, Daniel Francis,	*Chicago.*
McConahey, James McConnell, B.S., Washington and Jefferson College.	*Pittsburg, Pa.*
McCormick, Stanley Robert, A.B., Princeton University.	*Chicago.*
McGuire, Simms Joseph,	*Chicago.*
McNab, Joseph Lowe, B.L., University of Wisconsin.	*Evanston.*
Mannierre, George Willard,	*Chicago.*
Manley, Benjamin Franklin,	*Alden.*
Miller, William Southworth, A.B., Yale University.	*Chicago.*
Miner, Fred Martin,	*Chicago.*
Mitchell, Francis Joseph Ross, A.B., Northwestern University.	*Evanston.*
Moss, David Hickman, Jr.,	*Paris, Mo.*
Murray, Leo Gifford,	*South Atlanta, Ga.*
North, Percy Elliott,	*Carbondale.*
Ohlerich, Albert Frederick William,	*Elmhurst.*
Omohundro, Anna L.,	*Chicago.*
Oswald, Hugo Edmund,	*Chicago.*
Pearsons, Harry Putnam, A.B., Northwestern University.	*Evanston.*
Pell, William John, B.S., Carleton College.	*Oak Park.*
Petteys, John Gordon,	*Chicago.*
Rawson, Marie L.,	*Princeton.*
Ross, Carl Abraham, A.B., Harvard University.	*Lower Waterford, Vt.*
Rule, Arthur Lynnwood,	*Mason City, Ia.*
Rydell, Oscar Ferdinand,	*Chicago.*
Seass, Samuel Lucas,	*Champaign.*
Sheppard, Robert Loring, Ph.B., Yale University.	*Evanston.*
Sickels, Arthur George,	*Evanston.*
Silver, Walter Gurr,	*Chicago.*

Silverthorne, George Morrill,	*Chicago.*
Stelck, Henry,	*Rock Island.*
Stephens, Redmond Davis, A.B., Harvard University.	*Chicago.*
Vaughan, John Franklin,	*Chicago.*
Vennum, Thomas Gaylord, A.B., Yale University.	*Watseka.*
Walton, Frank Richmond,	*Chicago.*
Whitlock, Royal Joseph,	*Evanston.*
Williams, Harmon D.,	*Havana.*
Williams, Norman, Jr., A.B., Yale University.	*Chicago.*
Worthy, Sidney Winsor,	*Chicago.*

SPECIAL STUDENTS.

Bauch, Charles Paul,	*Chicago.*
Brown, Robert Clarence,	*Evanston.*
Ewing, Charles Hull, A.B., Yale University.	*Chicago.*
Fischer, Richard,	*Chicago.*
Furber, Henry Jewett, Jr., Ph.D., University of Halle.	*Chicago.*
Holliday, William Blair,	*Leola, Wis.*
Morley, Walter Kelley,	*Saginaw, Mich.*
Phillipson, Fred Edgar,	*Dowagiac, Mich.*
Ponic, Vincent George,	*Chicago.*
Smith, Milton Alexander,	*Chicago.*
Vaill, James John,	*Elgin.*

SCHOOL OF PHARMACY.

COURSE FOR THE DEGREE OF PHARMACEUTICAL CHEMIST.

Anderson, Charles August,	*Litchfield, Minn.*
Chittenden, Horace Walter,	*Mound City, Mo.*
Germer, James William,	*Chicago.*
Howard, Agnes May,	*Boston, Mass.*
Leenheer, Cornelius Arthur,	*Chicago.*
Ott, Clare Allen,	*Mt. Pleasant, Ia.*
Ryder, Louis Wadsworth,	*New Haven, Conn.*
Turnquist, Carl Martin,	*Chicago.*
Woolner, Arthur Bertram,	*Drayton, N. D.*
Wright, Frank,	*Somonauk.*

POST-GRADUATE.

Woolsey, Jesse Francis, Ph.C.,	*Knoxville.*

COURSE FOR THE DEGREE OF GRADUATE IN PHARMACY.

SENIORS.

Anderson, Oscar Ludvig,	*Moline.*
Anicker, William John,	*Peoria.*
Archer, John,	*Salinas, Cal.*
Aschauer, Albert George,	*Springfield.*
Aschermann, Gustave Singer,	*Chicago.*
Bardonski, John Bartholomew,	*Chicago.*
Baringer, William Edmund,	*Baraboo, Wis.*
Bell, Edgar Elmer,	*Leon, Ia.*
Bellaire, Archie Joseph,	*Gladstone, Mich.*
Bender, Edward Ray,	*Spencer, Ia.*
Bermele, George Fred,	*Chicago.*
Borah, Lyall Campbell,	*Baldwin, La.*
Bowman, Frank R.,	*St. Joe, Ind.*
Boyd, Paul Fraser,	*Morrison.*
Brawley, Frank Ellis,	*Peoria.*
Brawley, Harry Levi,	*Peoria.*

Brod, John, Jr.,	*Chicago.*
Bunn, Arthur Isaac,	*Waterloo, Ia.*
Burkhard, John Frank,	*Los Angeles, Cal.*
Case, Willard George,	*Peoria.*
Christensen, John,	*Herman, Neb.*
Clarke, John Franklin,	*Cerro Gordo.*
Cleveland, Frank,	*Prophetstown.*
Coady, George Hoffman,	*Pana.*
Coates, Edgar Gordon,	*Chicago.*
Coombs, Charles Fremont,	*Chicago.*
Coyner, Heber Wright,	*Rockford.*
Culbertson, Allie Maud,	*Danvers.*
Curtis, Charles Gilbert,	*Chicago.*
Da Costa, Albert Raphael, Jr.,	*Chicago.*
Davis, Frank Chester,	*Oxford, Kas.*
Davis, H. Harold,	*Muskegon, Mich.*
Delzell, Charles Alpheus,	*Fairfield.*
Dodge, Eben Austin,	*Genesee, Wis.*
Dougherty, John William,	*Chillicothe.*
Downing, David Thompson,	*Wooster, O.*
Duerrwaechter, Alexander John,	*Chicago.*
Dyas, Clair Sedgwich,	*Arlington Heights.*
Eicher, Leander,	*Scotland, S. D.*
Emmel, Eduard Robert,	*Bryan, Tex.*
Felton, Frank B.,	*Chicago.*
Fiss, Franklin Benjamin,	*Charles City, Ia.*
Fitzpatrick, James Francis,	*Chicago.*
Frantz Elmer E.,	*Danville.*
Funk, William Burnard,	*Chicago.*
Garbison, Charles Wesley,	*Mt. Gilead, O.*
Gardiner, Mrs. Katherine,	*Chicago.*
Gates, John Herman,	*Cairo.*
Gayle, Edward Maupin,	*Warrenton, N. C.*
Gilmore, Horatio Ralph,	*Macomb.*
Goodman, Charles Wilbur,	*Patch Grove, Wis.*
Graff, Owen D.,	*Barry.*
Griffin, David James,	*Clare, Ia.*
Grunsky, Edward Joseph,	*Oshkosh, Wis.*
Haanshuus, John Wilhelm,	*Chicago.*
Hall, Louis Pratt,	*Red Creek, N. Y.*
Hardt, Harry Godfrey Ferdinand,	*Chicago.*
Harwood, Miner Flower,	*Strawberry Point, Ia.*
Hatch, James D.,	*Bloomington, Wis.*
Hemming, Ensign Alfred,	*Janesville, Wis.*

Hennessey, Alice Frances,	*Joliet.*
Hieber, Benjamin,	*Cedar Falls, Ia.*
Hirschy, Ernst D.,	*Peru.*
Hummell, Mrs. Clara Belle,	*Grundy Centre, Ia.*
Johnson, Matthew Albert,	*Taylorville.*
Jones, Charles H.,	*Dodgeville, Wis.*
Kiehl, Philetus John,	*Oshkosh, Wis.*
King, Charles Josephus Lorne,	*Chicago.*
Koerper, Peter Joseph,	*Chicago.*
Kosminsky, Leon,	*Texarkana, Ark.*
Krough, Charles Peterson,	*Salinas, Cal.*
Kruell, Albert Edward,	*Los Angeles, Cal.*
Latham, John Priest,	*Springfield.*
Lee, Henry Cooley,	*Chicago.*
Lemon, Fred Willits,	*Aledo.*
Lindorff, Charles Olof,	*New Windsor.*
Liska, Anton,	*Chicago.*
Loeb, Louis,	*Hastings, Neb.*
Losch, Henry John,	*El Paso.*
Low, James Fred,	*Atlantic, Ia.*
Lowman, Alexander Blackburn,	*Macomb.*
Lydehn, Albert John,	*Moline.*
Maghee, Griffith Holme,	*Rawlins, Wyo.*
Magnusson, Albert,	*Lansing, Ia.*
Marshall, Alvin,	*Clarkton, Mo.*
Mater, George Lloyd,	*Chanute, Kas.*
McAffee, Vesta Jane Alden,	*Roscoe.*
McCready, Albert Robert,	*Cherokee, Ia.*
McCreary, Harry Blanchard,	*Centerville, Ia.*
Merrill, Will Garrison,	*Sparta, Wis.*
Michael, Frank Lee,	*Ottumwa, Ia.*
Mollison, Allan Edward,	*Austin, Minn.*
Moore Ralph Woodring,	*Orangeville.*
Mueller, Henry Fred,	*Moline.*
Nichols, Mrs. Edna Frances,	*Chicago.*
Nichols La Vern Palmer,	*Yorkville.*
Oakley, Robert William,	*Moline.*
Ortenstein, Harry M.,	*Chicago.*
Paull, Stephen, Jr.,	*Calumet, Mich.*
Pearce, Bernice Adele,	*Oswego.*
Pegram, Robert Rush,	*Lincoln.*
Pelikan, Theodore John,	*Racine, Wis.*
Piotrowski, Anthony Joseph,	*Manistee, Mich.*
Potter, Ward Elverton,	*Peoria.*

Radke, George Julius,	*Manistee, Mich.*
Ramsdell, Glenn William,	*Lincoln, Neb.*
Redden, Edward Ned,	*Chicago.*
Reinhard, William Oscar,	*Eau Claire, Wis.*
Richmann, Frederick Alexander,	*Elgin.*
Roades, John Finch,	*Earlville.*
Roberts, Harold Hargreaves,	*Albion, Neb.*
Robinson, Claude Woodmansee,	*Davis City, Ia.*
Rowe, Charles Edgar,	*Dodgeville, Wis.*
Sandquist, Alfred,	*Hancock, Mich.*
Schaefer, Charles Frederick,	*Chicago.*
Schiek, Jacob Gabriel,	*Mokena.*
Scott, Ingvard Martinius,	*Chicago.*
Siwecki, Henry,	*Chicago.*
Smith, Charles Howard,	*Chillicothe.*
South, John Corbley,	*Chicago.*
Southard, Frank Allen,	*Pana.*
Staga, August Herman,	*Chicago.*
Strenzke, Theodore Arthur,	*St. James, Neb.*
Strickland, Bert Wilson,	*El Paso.*
Sykes, Henry Prentis,	*Chebanse.*
Taylor, Frank Clymer,	*Coolville, O.*
Thomas, Theodore Gaillard,	*Falls City, Neb.*
Thomson, Jessie Warring,	*So. Portsmouth, Ky.*
Todd, Joseph Aloisus,	*Shell Rock, Ia.*
Weckler, George Michael,	*Chicago.*
Wenham, Frank Edgar,	*Waterloo, Ia.*
Whittle, William Gillette, Jr.,	*Cornland.*
Williams, Allan Campbell,	*Chicago.*
Williams, Samuel Milton,	*Columbus, Wis.*
Williams, Samuel William,	*Columbus, Wis.*
Windeguth, Edward Henry,	*Chicago.*
Wood, Rupert Vincent,	*Freeport.*
Zak, Joseph John,	*Chicago.*
Zerzan, George Frank,	*Schuyler, Neb.*

JUNIORS.

Anderson, Oscar Ludvig,	*Moline.*
Aschauer, Albert George,	*Springfield.*
Ascherman, Gustave Singer,	*Chicago.*
Bardonski, John Bartholomew,	*Chicago.*
Baringer, William Edmund,	*Baraboo, Wis.*
Bell, Edgar Elmer,	*Leon, Ia.*
Bellaire, Archie Joseph,	*Gladstone, Mich.*

Bender, Edward Ray,	*Spencer, Ia.*
Bermingham, James Augustus,	*Chicago.*
Berry, John,	*Taylorsville.*
Bixler, Charles E.,	*Madisonburg, O.*
Bowman, Frank R.,	*St. Joe, Ind.*
Boyd, Paul Fraser,	*Morrison.*
Brawley, Harry Levi,	*Peoria.*
Brod, John, Jr.,	*Chicago.*
Case, Willard George,	*Peoria.*
Christensen, John,	*Herman, Neb.*
Clarke, John Franklin,	*Cerro Gordo.*
Cleveland, Frank,	*Prophetstown.*
Coady, George Hoffman,	*Pana.*
Coyner, Heber Wright,	*Rockford.*
Culbertson, Allie Maud,	*Danvers.*
Devoe, Eugene Theodore,	*Hainesville.*
Dodge, Eben Austin,	*Genesee, Wis.*
Dougherty, John William,	*Chillicothe.*
Downing, David Thompson,	*Wooster, O.*
Dyas, Clair Sedgwich,	*Arlington Heights.*
Edmonston, Thomas Franklin,	*Camargo.*
Eicher, Leander,	*Scotland, S. D.*
Frandsen, Peter George,	*Elba, Neb.*
Gardiner, Mrs. Katherine,	*Chicago.*
Gates, John Herman,	*Cairo.*
Gayle, Edward Maupin,	*Warrenton, N. C.*
Gilmore, Horatio Ralph,	*Macomb.*
Graff, Owen D.,	*Barry.*
Grudzinski, Theodore,	*Chicago.*
Grunsky, Edward Joseph,	*Oshkosh, Wis.*
Hall, George Frederick,	*Rossville.*
Hatch, James D.,	*Bloomington, Wis.*
Hathaway, Henry Claten,	*St. Joe, Ind.*
Healy, Harry,	*Loda.*
Hennessey, Alice Frances,	*Joliet.*
Henricks, John Frank,	*Ludlow.*
Hieber, Benjamin,	*Cedar Falls, Ia.*
Higgins, Raymond Jordan,	*Chicago.*
Hummell, Mrs. Clara Belle,	*Grundy Centre, Ia.*
Johnson, Matthew Albert,	*Taylorville.*
Johnson, Wilbur Vogt,	*Chicago.*
Kelly, Chris. C.,	*Dixon.*
Kiel, Philetus John,	*Oshkosh, Wis.*
Koerper, Peter Joseph,	*Chicago.*

Kreidler, Woolsey Lynn,	*Chicago.*
Kretschmer, Herman,	*Chicago.*
Krough, Charles Peterson,	*Salinas, Cal.*
Kruell, Albert Edward,	*Los Angeles, Cal.*
Kucheman, Benjamin F.,	*Bellevue, Ia.*
Kosminsky, Leon,	*Texarkana, Ark.*
Latham, John Priest,	*Springfield.*
Lee, Henry Cooley,	*Chicago.*
Lindorff, Charles Olof,	*New Windsor.*
Loeb, Louis,	*Hastings, Neb.*
Losch, Henry John,	*El Paso.*
Lydehn, Albert John,	*Moline.*
Magnusson, Albert,	*Lansing, Ia.*
Mater, George Lloyd,	*Chanute, Kas.*
McAffee, Vesta Jane Alden,	*Roscoe.*
McCreary, Harry Blanchard,	*Centerville, Ia.*
Merrill, Will Garrison,	*Sparta, Wis.*
Michael, Frank Lee,	*Ottumwa, Ia.*
Mitchell, Lennie Leonard,	*Sidney.*
Mollison, Allan Edward,	*Austin, Minn.*
Moore, Ralph Woodring,	*Orangeville.*
Mueller, Henry Fred,	*Moline.*
Nichols, Mrs. Edna Frances,	*Chicago.*
Nichols, La Vern Palmer,	*Yorkville.*
Nilsson, William,	*Chicago.*
Norman, John Standing,	*Harrodsburg, Ky.*
Oakley, Robert William,	*Moline.*
Pearce, Bernice Adele,	*Oswego.*
Pegram, Robert Rush,	*Lincoln.*
Pelikan, Theodore John,	*Racine, Wis.*
Petty, Hubert,	*Abercrombie, N. D.*
Piotrowski, Anthony Joseph,	*Manistee, Mich.*
Potter, Ward Elverton,	*Peoria.*
Radke, George Julius,	*Manistee, Mich.*
Ramsdell, Glenn William,	*Lincoln, Neb.*
Reinhard, William Oscar,	*Eau Claire, Wis.*
Richmann, Frederick Alexander,	*Elgin.*
Roades, John Finch,	*Earlville.*
Rowe, Charles Edgar,	*Chicago.*
Sandquist, Alfred,	*Hancock, Mich.*
Schiek, Jacob Gabriel,	*Mokena.*
Shelton, Albert M.	*Cameron.*
Siwecki, Henry,	*Chicago.*
Smith, Charles Howard,	*Chillicothe.*

Smith, Walter Leon,	*Chanute, Kas.*
South, John Corbley,	*Chicago.*
Southard, Frank Allen,	*Pana.*
Sperling, Frank,	*Bushnell.*
Staga, August Herman,	*Chicago.*
Steck, Franklin David,	*Freeport.*
Thomas, Theodore Gaillard,	*Falls City, Neb.*
Thomson, Jessie Warring,	*So. Portsmouth, Ky.*
Todd, Joseph Aloisus,	*Shell Rock, Ia.*
Wenham, Frank Edgar,	*Waterloo, Ia.*
Whittle, William Gillette, Jr.,	*Cornland.*
Williams, Allan Campbell,	*Chicago.*
Williams, Samuel Milton,	*Columbus, Wis.*
Williams, Samuel William,	*Columbus, Wis.*
Windeguth, Edward Henry,	*Chicago.*
Wood, Rupert Vincent,	*Freeport.*
Woodbury, Charles Mires,	*Danville.*
Zak, Joseph John,	*Chicago.*

SPECIAL STUDENTS.

Brown, Lewis O.,	*Northwood, Ia.*
Newman, Hardy,	*Chicago.*
Tennysen, August,	*Manhattan.*

THE DENTAL SCHOOL.

FRESHMEN.

Arthur, Sylvester M.,	*Waterloo, Ia.*
Arter, Francis Dean,	*Chicago.*
Axtell, Thomas Wright,	*Waverley, Ia.*
Akers, Loran Platner,	*Des Moines, Ia.*
Albright, Walter Hurlburt,	*Aberdeen, S. D.*
Armstrong, Llewellyn House,	*Ottumwa, Ia.*
Albright, Otto August,	*Marion, O.*
Branham, William Clemment,	*Cloverdale, Ind.*
Bronson, Archie F.,	*Waterloo, Ia.*
Bayne, Roscoe S.,	*Joliet.*
Bliss, Louis Lamonte,	*Ironwood, Mich.*
Bliss, Gertrude R.,	*Ironwood, Mich.*
Bostleman, Christian,	*Chicago.*
Bailey, Wallace N.,	*Burke, Wis.*
Brown, Arthur Henry,	*Hamilton, Mo.*
Barth, William,	*Fountain City, Wis.*
Baker, William Henry,	*Devonshire, England.*
Brosnihan, George Maurice,	*Chicago.*
Bree, Martha,	*Aurora.*
Bugbee, Leslie S.,	*Waukesha, Wis.*
Bartels, William Ernest,	*Winona, Minn.*
Bates, William Scarborough,	*Chicago.*
Buck, Harry Madison,	*Maywood.*
Barber, Walter Crossett,	*Naperville.*
Brown, Carl Hildor,	*Rockford.*
Browne, Harry Hanford,	*Chicago.*
Brown, James Wallace,	*Lafayette, Ind.*
Bristol, Willis Edward,	*Cairo.*
Bishopp, Harry Buras,	*Sheldon.*
Bond, Howard Todd,	*Chicago.*
Brown, James Adison,	*Austin.*
Brandt, Frank H.,	*Davenport, Ia.*
Bimrose, Alfred W.,	*Chicago.*

Bartholomew, Eugene,	*Millersburg, Ind.*
Bloom, Frank,	*Central City, Minn.*
Badgely, Edward L.,	*Kankakee.*
Blonn, Louis,	*Chicago.*
Charnig, Anthony,	*Portland, Ore.*
Carl, George Daniel,	*Silvan Springs, Ark.*
Craig, Herbert Milton,	*W. Alexander, Pa.*
Calder, James Herbert,	*Cedar Rapids, Ia.*
Campbell, Charles,	*Mineral Point, Wis.*
Cornell, Walter Dewitt,	*Austin.*
Conoly, Edward,	*Darlington, Wis.*
Chilson, Henry Lee,	*Appleton, Wis.*
Cosner, Robert Lee,	*Clarks, Neb.*
Crooks, William Bennett,	*Crawfordsville, Ia.*
Cassel, Edward Thomas,	*Douglass, Neb.*
Castle, Carroll Clay,	*Galesburg.*
Duth, Cora Elizabeth,	*Elmwood.*
Dow, Louis Charles,	*Coal Valley.*
Dodge, Claude W. G.,	*Fairbury, Neb.*
Davis, John Judson,	*Lowell, Ind.*
Dunning, Joseph,	*Spokane, Wash.*
Diefenbrock, George W.,	*Red Wing, Minn.*
Dunlop, John A.,	*Ovilla, Canada.*
Davis, James E.,	*Chicago.*
Dellibac, Le Roy,	*St. Ann.*
Ehlers, Fred F.,	*Spencer, Ia.*
Ely, Archie E.,	*Monroe City, Mo.*
Elliott, James Henry,	*Terrell, Tex.*
Evans, Owen,	*La Crosse, Wis.*
Ebenreiter, Alfred,	*Kenaskuna, Wis.*
Foster, Mary Teresa,	*La Crosse, Wis.*
Forsyth, James Edward,	*Australia.*
French, John,	*Cavalier, N. D.*
Graham, Ralph,	*Freeport.*
Gethro, Fred Williams,	*Bloomington.*
Greenbow, Barney F.,	*Vincennes, Ind.*
Griswold, Harriet,	*St. Paul, Minn.*
Hicks, William S.,	*Sycamore.*
Hepburn, William Risen.	*Eau Claire, Wis.*
Herren, Harry Hulbert,	*Los Angeles, Cal.*
Hodges, Andrew Jackson,	*Albany, Ore.*
Haviland, Albert Oatley,	*Horton, Kas.*
Hankins, Elton E.,	*Boulder, Colo.*
Harrison, Harvey Edgar,	*Warrensburg, Mo.*

Hallenbeck, Delbert Daniel,	*Chicago.*
Hunt, Ralph Y.,	*Spokane, Wash.*
Hepler, Ralph,	*Munster.*
Haeseler, Herbert George,	*Lisbon, Ia.*
Hutchinson, Arthur E.,	*Faribault, Minn.*
Hickman, C. Wilbur,	*Goodome.*
Hopf, George Arnold,	*Blue Island.*
Hewitt, Homer Spurgeon,	*Bryan, O.*
Jorgensen, Annie Marie,	*Rye, Denmark.*
Johnson, Burton Clermont,	*Chicago.*
James, Peter Weston,	*Chicago.*
King, Birdine,	*Biggs, Cal.*
Kinney, John Cornelius,	*Rock Island.*
Kotler, Frank,	*Chicago.*
King, William Oscar,	*Lake Geneva, Wis.*
Kratz, William Frederick,	*Burlington, Ia.*
Kestly, Frederick,	*Hika, Wis.*
Kirkwood, Ira Stewart,	*Buffalo, N. Y.*
Kramm, Edward,	*Peoria.*
Lindeholm, Morton Julius,	*Galesburg.*
Lyon, Stephen Andrews,	*Fredonia, Kas.*
Lotts, Emery Milton,	*Independence, Ia.*
Myers, Ernest Doane,	*Springfield, O.*
Maddock, William Ivan,	*Chicago.*
Moyer, Jennie,	*Chicago.*
Marlow, Samuel Alanson,	*Bloomington, Wis.*
Meng, John Christino,	*Madison, Wis.*
Meyer, Walter Fred,	*Burlington, Ia.*
Mills, Chas. Franklin,	*Reading.*
Meyer, Henry Alfonso,	*Portland. Ore.*
Methven, Houston French,	*Chicago.*
Menge, Harry A.,	*Holland, Mich.*
Miner, Joseph Edward,	*Kewanee.*
Magner, Daniel Harry,	*St. Peter, Minn.*
MacDonald, William Lincoln,	*Boston, Mass.*
McNamra, Anna,	*Chicago.*
McCartney, Bryan Nathaniel Wede,	*Sparland.*
McMahon, Hugh Alphonsus,	*Buffalo, N. Y.*
Nylund, Oscar Cabeb,	*Stockholm, Sweden.*
Napper, Mary Sylvia,	*Chicago.*
Neff, William Ray,	*Chicago.*
Nitchelm, Charles Louis,	*Ottawa.*
Nichelson, Geo. D.	*Casper, Wyo.*
Nielsen, Nicholas Frederick Severn Seerup,	*Withel, Wis.*

Olney, Marie,	*East Las Vegas, N. M.*
Older, Bertram,	*Portage.*
O'Keefe, Emmett,	*Casey, Ia.*
Olliver, J. R.,	*Baldwin, La.*
Prideaux, William J.,	*Green Bay, Wis.*
Pinkerton, Rawson Kennedy,	*Chicago.*
Petre, Chas.,	*Haldane.*
Potts, Frank,	*Green Bay, Mich.*
Pennington, John Stephen,	*W. Burlington, Ia.*
Pfaff, Henry Valentine,	*St. Louis, Mo.*
Pike, Harry Eugene,	*Plainfield.*
Pier, Harry Edward,	*Eastman, Wis.*
Patton, Fred Pascols,	*Chicago.*
Patton, John Free,	*Chicago.*
Petrie, Walter James,	*Chicago.*
Rounseville, Chas. Freemont,	*Joliet.*
Reed, Frank Milfred,	*Kewanee.*
Ray, Lawrence Frank,	*St. Joseph, Mich.*
Reedy, William Lincoln,	*Oak Park.*
Reed, Edgar Case,	*Loudonville, O.*
Rose, Lester Eduourd,	*Ottawa.*
Rowan, Gustavus Michael,	*S. Milwaukee, Wis.*
Renter, James H.,	*Stockholm, Sweden.*
Reed, Thomas,	*Two Rivers, Wis.*
Robertson, James Arthur,	*Plana, S. D.*
Rea, Fred Lander,	*Elgin.*
Sprenger, Ernst Samuel,	*Two Rivers, Wis.*
Stansell, Priscilla H.,	*Franklin, O.*
Smock, Grant H.,	*Blooming Valley, Pa.*
Schmidt, Alfred Ludewig,	*Davenport, Ia.*
Smalley, David Arthur,	*Sheldon.*
Schamu, Charles G.,	*Syracuse, N. Y.*
Schoenbrod, Maurice,	*Chicago.*
Sellery, Benson,	*Kincardine, Ontario.*
Simmonds, Forrest Wesley,	*Ottumwa, Ia.*
Smith, Burleigh Milton,	*Cornell, Ia.*
Smith, Walter Clarence,	*Newton.*
Solosberg, Arthur,	*Sioux City, Ia.*
Scott, Bert,	*Holland, Mich.*
Schondermark, Arthur,	*Rotterdam, Holland.*
Strobel, Benjamin Samuel,	*Madison, Wis.*
Teeters, Mahlom,	*La Porte City, Ia.*
Upson, Geo. Delevan,	*Chicago.*
Van Denbergh, Harry Newton,	*Howard City, Mich.*

Wesler, Harry H.,	*Richmond, Ind.*
Weber, Nicholas,	*Gilbertville, Ia.*
Winter, Chas. E.,	*Chicago.*
Welch, Frank Morton,	*Bloomfield, Ind.*
Walsh, Frances Marie,	*Chicago.*
Williams, Clarence Aaron,	*Chicago.*
Wiedhoff, Geo. Washington,	*Chicago.*
Wygant, Harry Edward,	*Jackson, Mich.*
Waldberg, Earnest Ignatius,	*Odessa, Russia.*
Welty, Henry,	*Warren.*
Wright, Malcolm Lee,	*Maquoketa, Ia.*
Wall, James Barah,	*Fairfield.*
Walton, C. A.,	*Anna.*
Zipperman, Solomon William,	*Chicago.*

JUNIORS.

Allen, Holson Morgan,	*Lexington, Ia.*
Algeo, Herbert E.,	*Chicago.*
Alvis, Lorena Lowe,	*Kewanee.*
Albrecht, Edwin John,	*Mayville, Wis.*
Atchison, George Byron,	
Aiston, Robert T.,	*Azalia, Mich.*
Atwood, Clarence Albert,	*Pecatonica.*
Brundage, Clara Frances,	*Aurora.*
Badgley, Lon E.,	*Kankakee.*
Betchler, Clarence W.,	
Brandt, George C.,	
Barnhart, Fred Polen,	
Bimrose, Frank Herbert,	*Chicago.*
Bell, Alexander John,	*Owen's Sound, Ont.*
Blackaller, Louis Edward,	*San Marcus, Tex.*
Boyce, Thomas Jefferson,	*Chicago.*
Borovik, Benjamine Morris	*Chicago.*
Brown, Walter A.,	*Clarinda, Ia.*
Brock, Henry Clay,	*Fairbury, Neb.*
Burnett, Frank Eaton,	
Beidler, Geo. Henry,	
Beck, Clara Caroline,	
Bronson, Irving Charles,	*Raymond, Ia.*
Bowen, J. G.,	
Craven, Frank,	*Newcastle, Ind.*
Cole, Robert Innes,	*Chicago.*
Copley, Harry,	*Joliet.*
Conniff, John Charles,	*Stevens Point, Wis.*

Curtis, Frank,	*Chicago.*
Curry, John B.,	*Mineral Point, Wis.*
Crawford, Samuel Bowden,	*Beaver Creek, Minn.*
Davis, James Cromwell,	*Maywood.*
Delano, Walter K.,	*New London, Wis.*
Dorsey, Walter F.,	*Princeton, Ind.*
Davis, Howard Garrett,	*Galesburg.*
Douglas, Clarence Washington,	*Chicago.*
Dowell, Benjamine Franklin,	*Paris.*
Darling, Andrew Deloss,	*De Kalb.*
Devries, Frant Ulysses,	*Holland, Mich.*
Derrick, Leslie Graham,	*Moline.*
Doody, William Francis,	*Albany, N. Y.*
Demorest, Clyde Satterlee,	*Beldon, Ont.*
Eakins, Herman Gemate,	*Alpena, Mich.*
Ellis, Lewis Maurice,	*Kokomo, Ind.*
Elliott, Herman Wilbur,	*Terrell, Tex.*
Echternacht, Harry Franklin,	*Marshalltown, Ia.*
Edison, Louis Curtis,	*Mankato, Minn.*
Eustice, Willie Centenial,	*Elizabeth.*
Freeman, Van Elmer,	*Chicago.*
Frankel, Herman Lewis,	*Chicago.*
Fellows, Roger Lee,	*Lansing, Ia.*
Freemire, Frank Nichols,	*Chester, Ia.*
Froeschle, William Frederick,	*Chicago.*
Frances, Oscar W.,	*Darlington, Wis.*
Gulmyer, Harry,	*Elkhart, Ind.*
Graflund, Frederick,	*Chicago.*
Garrett, Carlton Marshall,	*Chicago.*
Grotewohl, Arthur Christian,	*Elkadger, Ia.*
Gibbon, Edward,	*Norway, Ia.*
Garling, Nathaniel Day,	*Seneca Falls, N. Y.*
Graham, Willis Mortimore,	*Chicago.*
Grove, James,	*Chicago.*
Hunn, Rudolph George,	*Springfield.*
Hargett, Arthur V.,	*Frederick, Md.*
Hurd, Harry Arthur,	*Marshalltown, Ia.*
Hartzell, Clark K.,	*North Benton, O.*
Hunter, Alice Conger,	*Des Moines, Ia.*
Huberty, Clemens,	*St. Anna, Wis.*
Hawley, Lloyd Robinson,	*Dixon.*
Hess, Charles Burton,	*Bedford, Ia.*
Hutchinson, Ralph Riel,	*Faribault, Minn.*
Hixon, Almont Clark,	*Mankato, Minn.*

Heacox, Frank,	*Morris.*
Haight, James Henry,	*Portage, Wis.*
Haight, Penrose T.,	*Grey's Mills, Penn.*
Hemminger, Harvey Jacob,	*Nappanee, Ind.*
Helms, Henry Finley,	*Lincoln, Neb.*
Hollenbeck, Turner Beecher,	*Nashua, Ia.*
Hillenbrand, George Henry,	*East Bristol, Wis.*
Hopf, William John,	*Blue Island.*
Hopkins, Merle Robert,	*Minneapolis, Minn.*
Hays, Frank T.,	*Englewood*
Hughes, Frederick,	*Dyersburg, Tenn.*
Isenhower, Harry R.,	*Bloomfield.*
Johnson, Walter W.,	*Evanston.*
Juster, Guilelmo J.,	
Jackson, J. Dewolf,	*Pecatonica.*
Jackson, Walter Henry,	*Arcadia, Wis.*
Johnson, Clyde Wilmouth,	*Dowagiac, Mich.*
Jones, John R., M.D.,	*Fertile, Ia.*
Kniewell, Gertrude,	*Danzic, Germany.*
Kranwinkal, Conrad F.,	*Aurora.*
Klopp, Charles Edward,	*Naperville.*
Kellogg, Ray,	*Marshalltown, Ia.*
Keyser, Sherman,	*Butte, Mont.*
Kayser, James Turner,	
Keeton, Alex. Finley,	*Pleasantville, Ia.*
Kennedy, John Herbert,	*Morrison.*
Leininger, Charles,	*Wauseon, O.*
Lange, Olof,	*Stockholm, Sweden.*
Lindberg, George,	*Ottawa.*
Le Bow, Charles Monroe,	*Eureka Springs, Ark.*
Leonard, James Joseph,	*Garryowen, Ia.*
McAllister, Renaldo Eugene,	*Paris, Me.*
McNinch, Samuel William,	*La Porte, Ind.*
McCartney, Everet Fielding,	*Villesca, Ia.*
McDermott, Frank Edward,	*Wooster, Mass.*
Mackenzie, Reuben Henry,	*Boseman, Mont.*
McIntyre, John,	*Lucknow, Can.*
Morgan, Earnest John,	*Sydney, Australia.*
Morris, William E.,	*Goodells, Mich.*
Major, John C.,	*Chicago.*
Metzger, Frank Marcellus,	*Moline.*
Morgan, Shane Alexander,	*Darlington, Wis.*
Munn, Walter Ferguson,	*Aurora.*
Minium, George Wallace,	*Woodcock, Pa.*

Madden, James William,	*Pewaukee, Wis.*
Mozee, Charles Clarence,	*Geneva, Neb.*
Mott, Burt M.,	*Cambridge, Pa.*
Neil, Robert Percival,	*Camilla, Can.*
Onthank, Joseph James,	*Chicago.*
Overholser, Wiley Landis,	*Logansport, Ind.*
Owen, Aldridge Lee,	*Louisville, Ky.*
Peak, Mary,	*Hot Springs, Ark.*
Pagett, Walter Sylvester,	*Palmyra.*
Parshall, Ross Thurber,	*Chicago.*
Perry, George Merideth,	*La Crosse, Wis.*
Phillips, Harry Haynes,	*Menominee, Mich.*
Pollard, Thomas Jefferson,	*Portage, Wis.*
Peck, Houghton,	*Beloit, Wis.*
Prothero, Katie Dooley,	*Chicago.*
Quick, Raymond Clinton,	*Hillsdale.*
Richardson, George Robert,	*Princeton.*
Rimes, William Franklin,	*Chicago.*
Reid, Isaac Emerson,	*Sacramento, Cal.*
Ryder, George A.,	*De Witt, Ia.*
Risinger, Harry Ralph,	*La Porte City, Ia.*
Reese, Charles Newton,	*Chicago.*
Robison, Homer Everett,	*La Peer, Mich.*
Rowell, Edward Frater,	*Manchester, Ia.*
Reid, Forrest Desota,	*Chicago.*
Rood, Fletcher Charles,	*Grand Rapids, Mich.*
Roth, Theodore Humboldt,	*Davenport, Ia.*
Schaum, Madge Lyman,	*Chicago.*
Shepherd, Aaron J.,	*Richland Center, Wis.*
Sheffield, L. Langdon,	*Defiance, O.*
Schlotfeldt, Charles,	*Davenport, Ia.*
Stephenson, William Allman,	*Galena.*
Stoufer, Charles W.,	*Mt. Vernon, Ia.*
Snow, James Meeker,	*Chicago.*
Shupert, Harry Lewis,	*Elkhart, Ind.*
Strong, Lucien Willis,	*Chicago.*
Sulsburger, John Jacob,	
Swigert, Harry Irving,	
Soik, Edward James,	*Berlin, Wis.*
Salisbury, Lyman Allen,	*Chicago.*
Sweet, Wilbert Skean,	*Springfield, Mo.*
Smith, Norton Vernon,	*Chicago.*
Shaffer, James McClellan,	*Chicago.*
Schrayer, Nathan,	*Warsaw, Poland.*

Tucker, Arthur C.,	*Chicago.*
Traynham, Reuben Charles,	*Wolf City, Tex.*
Trent, Henry German,	*Port Byron.*
Tinker, E. Tay,	*Wheatland, Ia.*
Tilley, Robert David,	*Shreveport, La.*
Tunnison, Burton Murray,	*Chicago.*
Taylor, John Thompson,	*Rock Island.*
Thomas, Clarence Caroll,	*Tama, Wis.*
Taylor, Walter Clayton,	*Chicago.*
Van Dyke, John,	*Sioux City, Ia.*
Wise, Thomas Pittinger,	*Rock Island.*
Wood, Harry C.,	*Berlin, Wis.*
Woolston, Alvah Stebens,	*Clinton Junction, Wis.*
Wickham, Daniel Webster,	*Dodgeville, Wis.*
Wagner, John L.,	*Chicago.*
Wilson, George Washington,	*Maquoketa, Ia.*
Wheeler, Charles R.,	*Sycamore, Ia.*
Wilkinson, Clarence Stewart,	*Auburn, Neb.*
Whitcomb, Charles Duane,	*Bee Heights, S. D.*
Wallace, Samuel Earnest,	*Canton, Mo.*
Wicklin, Charles Sumner,	*Washington, D. C.*
Watts, James Bates,	*Farmingdale.*
Walton, Miles Eli,	*Huron, S. D.*
Wing, Franklin Fearing,	*Maywood.*
Wait, Guy Fillmore,	*Reynolds.*
Webb, Clarence Arthur,	*Des Moines, Ia.*
Young, Charles A.,	*Streator.*
Zeiter, Clarence Samuel,	*Chicago.*

SENIORS.

Anable, Frederick Samuel,	*New Orleans, La.*
Atwood, Algernon Alfonso,	*Pecatonica.*
Ames, George Elmer,	*Warsaw.*
Armstrong, Frank T.,	*Zearing, Ia.*
Allen, William Orwin,	*Billings, Mont.*
Burns, Edward Francis,	*Stevens Point, Wis.*
Brown, James Vining,	*St. Marys, Ont.*
Barker, William Henry Harrison,	*Huron, S. D.*
Bryant, Frank Allen,	*Chicago.*
Bloese, Rudulph Heinrich,	*Chicago.*
Beidler, William,	*Chicago.*
Blumbaum, Julius,	*Chicago.*
Bristol, Lewis Taber,	*Cairo.*
Brownlie, Ira Clifton,	*Glidden, Ia.*

Bragg, Harold Ingram,	*Shelbina, Mo.*
Barthel, Alvin William,	*Mt. Carroll.*
Bevier, George Isaac,	*Sioux City, Ia.*
Brandes, Albert Earnest,	*W. Superior, Wis.*
Beesley, Walter Cone,	*W. McHenry.*
Ballou, Newton E.,	*Covert, Mich.*
Berlyn, Macia Arlowine,	*Argos, Ind.*
Biglow, Bert Hamilton,	*Evansville, Wis.*
Breckenridge, Charles James,	*Chicago.*
Brogunier, David Shaffer,	*Rockford.*
Burke, Nathan Lewis,	*Niles, Mich.*
Bostelman, Rudolph,	*South Chicago.*
Burnett, Herbert Eliot,	*Amesville, Mont.*
Bing, Jacob J.,	*Milwaukee, Wis.*
Brown, Frederick Joseph,	*Sibley, Ia.*
Burnett, Ira Ailsworth,	*Shreul, O.*
Babcock, Nellie,	*Rochester, Ind.*
Babcock, James Leonard,	*Rochester, Ind.*
Bertrand, Leopold,	*Clontiersville, La.*
Bridgeman, George Hadley,	*Auckland, New Zealand*
Chubbuck, Charles Walker,	*Wausau, Wis.*
Coy, Clarence Eugene,	*Chicago.*
Caradine, Walter Henry,	*Albany, Wis.*
Chase, Samuel Hamilton,	*Madison, Wis.*
Clark, Winfield Scott,	*La Grange.*
Case, Roy Arthur,	*Davenport, Ia.*
Changnon, Aylmer Robert,	*St. Anne.*
Cherrington, Emerson E.,	*Chicago.*
Cassidy, Felix Bucknam,	*Yellow Stone, Wis.*
Crandall, Louis Edwin,	*Barry.*
Davis, John Darwin,	*Sterling.*
Dixon, John Thomas,	*Winona, Minn.*
Dawson, Alexander Clifford,	*Langside, Ont.*
Drews, Edward Henry,	*Madison, Wis.*
Dace, Wilbur M.,	*Rushville.*
Doepp, Albert George,	*Homewood.*
De Velde, Albert James,	*Maplewood.*
Drake, Samuel Leonard,	*Decorah, Ia.*
Daugherty, Michael Joseph,	*DeWitt, Ia.*
Erringer, James William,	*Chicago.*
Eldredge, Thomas Sidney,	*Evanston.*
Ellis, William Ebenezer,	*Lincoln, Neb.*
Ellman, Abraham S.,	*Grodno, Russia.*
Fishell, Elkan Washington,	*Chicago.*

Fuller, Harry Maynard,	*Chicago.*
Freiberg, Charles Frederick,	*Chicago.*
Funk, Louis Elsworth,	*Chicago.*
Ford, Albert Mansfield,	*Semour, Ia.*
Fowler, James Henry,	*Rippey, Ia.*
Gray, G. Walter,	*Carthage, Mo.*
Griffin, John Dawson,	*Winona.*
Gates, Elmond Charles,	*Sydney, Australia.*
Griswold, William Morse,	*St. Paul, Minn.*
Gage, George Wellington,	*Decorah, Ia.*
Griffith, Walter Wilson,	*New Carlisle, Ind.*
Holder, Harry Francis,	*Galena.*
Herbert, Charles Prescott,	*Chicago.*
Hickey, Gordon Ransom,	*Whitewater, Wis.*
Heine, Otto Charles,	*Chicago.*
Hamilton, Joseph Milton,	*Milwaukee, Wis.*
House, Gould,	*Joliet.*
Hanley, John Richard,	*Chicago.*
Harper, James Archer,	*Chicago.*
Hacking, William Joseph,	*Winnipeg, Manitoba.*
Joseph, George Washington,	*Humboldt, Neb.*
James, William,	*Belmont, Wis.*
Jones, John A.,	*Renry, Wis.*
Kass, Therese,	*Chicago.*
Kennedy, David Alexander,	*Gorden Island, Ont.*
Kramer, Charles Willard,	*Winfield, Pa.*
Klein, George Henry,	*Mankato, Minn.*
Kettell, Herbert C.,	*Tipton, Ia.*
Klumb, William Nicholas,	*West Bend, Ind.*
Kenney, William Woodsworth,	*Ridgetown, Ont.*
Kennedy, William Charles,	*Ingersol, Ont.*
Konantz, Christine Margaret,	*Quincy.*
Karsten, Herman Michael	*Sumner, Ia.*
King, Otto Ulysses,	*Huntington, Ind.*
Lentz, Elmer Anthony,	*Brookings, S. D.*
Lampert, Elmer Edwin,	*Chicago*
La Frenier, Elliott E.,	*Chicago.*
Leach, John Dean,	*Chicago.*
McLaren, John William,	*Chicago.*
McFarlane, George Buchanan,	*Harvey.*
McGaughey, Carl Wilson,	*Macomb.*
McKinney, George Bester,	*Barry.*
Miller, Elwood Joseph,	*Chicago.*
Miller, Edward Horn,	*Tipton, Ia.*

Morris, Walter Garner,	*Oregon.*
Macdonald, Emma Frances,	*Chicago.*
Meredith, Isaac Perkins,	*Farmington, Mo.*
Merker, Melvin Edgar,	*Emory.*
Martin, Edward James,	*Watseka.*
Northwood, Joseph King,	*Chatham, Ont.*
Overmeyer, William Howard,	*Watseka.*
Oettinger, Joseph,	*Michigan City, Ind.*
Prescott, Elmer Eugene,	*Minneapolis, Minn.*
Pruitt, Ray Leighton,	*Aurora.*
Rawlings, Frederick McDonald,	*Jacksonville.*
Ridgeway, James H.,	*Milwaukee, Wis.*
Redemann, David Phillip,	*Tripoli, Ia.*
Rouf, Jacob,	*Krunki, Russia.*
Rogers, Richard,	*Galena.*
Ritter, Jesse William,	*Dowagiac, Mich.*
Ross, Elwood Emory,	*Rock Falls.*
Robinson, Joseph Clarence,	*Vail, Ia.*
Reisinger, Harry David Shaner,	*La Porte City, Ind.*
Ratliff, William Nixon,	*Fairmount, Ind.*
Ratliff, Milo Ellis,	*Fairmount, Ind.*
Ruff, Guy Mortland,	*Lebanon.*
Skinner, Edward Piere,	*Chicago.*
Steeves, Alice,	*Upper Coverdale, Can.*
Schwartz, John,	*Wellman, Ia.*
Stewart, George Albion,	*Eldora, Ia.*
Smith, John Ferguson,	*Cochranton, Pa.*
Shaffer, James Walter,	*Argenta.*
Sanner, Minna,	*Berlin, Germany.*
Straith, Samuel,	*Lake View, Mich.*
Scott, William Preston,	*Holland, Mich.*
Sanderson, Elam Alden,	*Louisville, Ky.*
Sundberg, Isaac,	*Sioux City, Ia.*
Stiver, David Spar,	*Lena.*
Swanson, Albert Edward,	*Burlington, Ia.*
Simpkins, Arthur Burton,	*Streator.*
Stevens, Herbert Haze,	*Burlington, Ia.*
Skogsborg, Carl Erick William,	*Stockholm, Sweden.*
Taylor, Charles Albert,	*Maquoketa, Ia.*
Thrower, William Henry,	*Waterloo, Ia.*
Tibbits, George Francis,	*Chicago.*
Thompson, James X.,	*Tayner, N. D.*
Thompson, Stephen Edgar,	*Ft. Wayne, Ind.*
Van Hon, William,	*Mt. Pleasant, Ia.*

Vedder, R. S.,	*Carrollton.*
Wolfrum, Otto,	*West Bend, Wis.*
Wrixon, Albert Elsworth,	*Chicago.*
Woodruff, Levi Grant,	*Grand View, Ia.*
Weems, James Madison,	*Sherman, Tex.*
Walton, Samuel Flagler,	*Anna.*
Willsey, Eugene Edgar,	*Sterling.*
Wallace, Thomas Bernard S.,	*Joliet.*

WOMAN'S MEDICAL SCHOOL.

Anderson, Martha,	*Roberts.*
Andres, Sarah Gertrude,	*Elliott, Ia.*
Bailey, Alice Washburne,	*Carpenterville.*
Bayer, Elizabeth Dehn,	*Clermont, Pa.*
Beers, Matilda May,	*Derby, Mich.*
Bieseker, Elizabeth A.,	*Austin, Minn.*
Blount, Anna Ellsworth, B.S., University of Wisconsin.	*Chicago.*
Brady, Elizabeth Neil,	*Chicago.*
Burton, Alice E.,	*New York, Ia.*
Buxton, Eva Joanna,	*Rockport, Ind*
Campbell, Grace H.,	*Toronto, Ind*
Cassidy, Elizabeth, B.S., Knox College, Galesburg, Ill.	*Vermont.*
Cleverdon, Ella,	*Joliet.*
Clinton, Bertha Lawton,	*Paris.*
Clouse, Bertha Anne, M.S., Hartsville College, Hartsville, Ind.	*Hope, Ind.*
Cone, Armanellie Stetler,	*Florence, Kan.*
Conklin, Alice Iva,	*Dowagiac, Mich.*
Crabtree, Hezediah Todd,	*Topsfield, Me.*
Davison, Lizzie Margaret Miller,	*Mackinaw.*
Duncan, Helen May,	*Jacksonville.*
Dwyer, Martha,	*Aurora.*
Edmands, Idelle L.,	*North Brookfield, Mass.*
Edwards, Eleanor,	*Peoria.*
Emerson, Vinnie,	*Chicago.*
Exton, Lucy Alice,	*Gifford.*
Farquharson, Henrietta Mae,	*Chicago.*
Fleming, Emma Elvina, A.B., Park College, Parkville, Mo.	*Palo Pinto, Mo.*
Freece, Margaret A.,	*Salina, Utah.*
Frost, Carrie A.,	*Almond, Wis.*
Gardner, Stella,	*Homewood, Kas.*
Gaston, Harriet Jencks,	*Chicago.*

Gillmer, Elizabeth Achsah, A.B., *Warren, O.*
Vassar College, Poughkeepsie, N. Y.
Gilruth, Mary, *Davenport, Ia.*
Gray, Helena Kathleen, Ph.G., *Princeton, Ind.*
Purdue Univ., LaFayette, Ind.
Greenough, Clara Mary, A.B., *Deerfield, Mass.*
Smith College, Northampton, Mass.
Guy, Helen E. G., *Jonesville, Mich.*
Hackett, Emma Catherine, *Dubuque, Ia.*
Hamill, Eunice Bertha, *Chicago.*
Hayward, Carrie M., *Boston, Mass.*
Heald, Carrie Lee, *Osceola, Neb.*
Hedger, Caroline, *Chicago.*
Hemenway, Lucie Arabelle, *Bellevue, Mich.*
Henry, Hattie Belle, B.S., *Quincy.*
Chaddock College, Quincy, Ill.
Higgins, Gussie Zada, *Whitefield.*
Hill, Ella, *Leechburg, Pa.*
Mallory-Hoffman, Jessie, *Prairie du Chein, Wis.*
Hopkins, Caroline B., *Elmira, N. Y.*
Horton, Estella, *Raymond, Wis.*
Hutchins, Linda Krape, *Orangeville.*
Hyndman, Eliza J., A.M., M.Ph., *Elvaston.*
Cornell College, Iowa. Hedding College, 1878.
Kelsey, Jane Martha, B.S., *Lemont.*
Northern Ind. Normal School.
King, Lilla, *Whitewater, Wis.*
Kinnier, Lily, *Dubuque, Ia.*
Ladoff, Rosalie, B.S., *Witebsk, Russia.*
St. Petersburg Woman's College.
Lapham, Anna Ross, M.S., *Galesburg.*
Lombard University, Galesburg, Ill.
Levy, Kate, *Chicago.*
Lewis, Grace May, *Wheaton.*
Lewis, Margaret Douglas, *Victor, Ia.*
Luckey, Emma Gilchrist, *West Point, Miss.*
Lyons, Jennie, *Hume.*
Maguire, Margaret, *Chicago.*
Manning, Jacolyn, *Muskegon, Mich.*
Martin, Emma Estella, *Otterbein, Ind.*
Meehan, Lillian, *Chicago.*
Michael, May, *Chicago.*
Mitchell, Lilian L., *Brandon, Manitoba.*
Moon, Cora Alphleda, *Lowell, Mich.*
Moore, Emma Mantor, *Chicago.*
Morgan, Mary Emma, *Aledo.*
MacArthur, Charlotte B. *Mumford, N. Y.*

MacKay, Emma Scribner, *Englewood.*
McArthur, Victoria Ellen, B.A., *Parkville, Mo.*
Park College, Parkville, Mo.
McClune, Mattie, Ph.G., *Tilton, Ia.*
Northern Indiana Normal School.
McCollum, Sallie Josephine, *Berea, Ky.*
McKamy, Anna Isabel, Ph.B., *Macomb.*
Lincoln University, Lincoln, Ill.
McMahan, Adah, A.M., *Huntington, Ind.*
State University of Indiana.
Nelson, Bertha Isabelle, *Chicago.*
Newell, Mary Elizabeth, *Wooster, O.*
Nichols, Maude E., B.S., *Champaign.*
University of Illinois.
Norton, Vera Viola, *Waverly, Ia.*
Orton, Susanne, A.B., *Darlington, Wis.*
Rockford College, Rockford, Ill.
Page, Ethel, A.M., *Emporia, Kas.*
College of Emporia, Emporia, Kas.
Palmer, Violet, Henriette, *Chicago.*
Parks, Edna Blackburn, A.B., *Hutchinson, Kas.*
Blackburn College, Carlinville, Ill.
Phillips, Jennie L., *Chicago.*
Postle, Helen Franklin, *Worthington, O.*
Powers, Lunette I., *Portland, Mich.*
Reed, Caroline, *Newtown, Ind.*
Rogers, Margaret C., *Hampton, Ont., Can.*
Rolph, Carrie Le Monte, *Mt. Vernon, S. D.*
Russell, Rose A., *Muncie, Ind.*
Sanderson, Susie Munro, *Detroit, Mich.*
Schmidt, Marie Stock, *Chicago.*
Shaw, Viola E., *Bradford.*
Shively, Ida May, B.S., *Woodburn, Ia.*
Battle Creek College, Battle Creek, Mich.
Sims, Claire, *St. Louis, Mo.*
Smith, Emily Dillman, *Mansfield, O.*
Snear, Otha R., *Stryker, O.*
Spring, Carrie K., *Chicago.*
Sprouse, Jennie Glenn, *Greenview.*
Stees, Marie J., *Rockford, Ill.*
Steuernagel, Anna R., *Winona, Minn.*
Suttles, Stanley Mansfield, *Columbus, O.*
Tenny, Laura Elizabeth, *Montour, Ia.*
Thoburn, Blanche Isabel, A.B., *Peabody, Kas.*
Kansas State University.
Thomson, Laura Grace, *Tomahawk, Wis.*
Timmerman, Eudora Madge, *Chicago.*
Topping, Marie, *Delavan, Wis.*

Tyler, Mary, *Chicago.*
Uhl, Agnes Eva, Ph.G., *Monticello, Ind.*
Purdue University, Lafayette, Ind.
Van Nuys, Mary M., *Lebanon, Ind.*
Vernon, Sara Geraldine, *Madison, Wis.*
Walser, Lizzie Vail, *Austin.*
Waterman, Mary Blanche, *Lakin, Kas.*
Welsh, Prudence Matilda, *Williamsburg, Ia.*
Wiley, Harriet, *Arctic, Ind.*
Wilson, Blanche, *Truro, Nova Scotia.*
Wilson, Zilpha, *Pennsboro, W. Va.*
Woodzicka, Julia L., *Royalton, Wis.*
Wright, Elva, *Hillsdale, Pa.*
Valparaiso College, Valparaiso, Ind.

THE SCHOOL OF MUSIC.

Aikin, Edward,	*St. Johns, Mich.*
Anderson, Bessie Pjerrau,	*Ogden, Ia.*
Andrews, Daisy Ida,	*Solomon City, Idaho.*
Armstrong, Anna Thorne,	*Ottumwa, Ia.*
Armstrong, Mabel Towne,	*Cedar Rapids, Ia.*
Axtell, Eudora,	*Evanston.*
Beeman, Bertha Althea,	*Waukon, Ia.*
Bemis, Emily Schorb,	*Cawker City, Kas.*
Bertsch, Nellie Agnes,	*Grand Rapids, Mich.*
Bobb, Dwight St. John,	*Dakota.*
Boyce, Grace Hortense,	*Mediapolis, Ia.*
Bredin, Elias Arnold,	*Chicago.*
Brooks, Mrs. Florence Estelle,	*Evanston.*
Brown, Mrs. Helen Winn,	*Evanston.*
Campbell, Harriet Belle,	*South Bend, Ind.*
Cassard, Cora,	*Evanston.*
Chaffee, Theodora Grace,	*Evanston.*
Cherry, Henrietta,	*Streator.*
Clarkson, Marian Kathryn,	*Rock Falls.*
Colvin, Jessie Linda,	*Bonus.*
Conaway, Cora Francis,	*York, Neb.*
Conaway, Jessie Florence,	*York, Neb.*
Cook, George Ezra,	*Elgin.*
Dabney, Clara Belle,	*Winterset, Ia.*
Dauskin, Ida Lillian,	*Colo, Ia.*
Dewey, Sarah Melissa,	*Mazon.*
Dodd, Margaret,	*Rosendale, Wis.*
Eversz, Edna Louise,	*Evanston.*
Ferry, Mabel Spencer,	*Evanston.*
Fisk, Ellen Green,	*Evanston.*
Fleshiem, Edna Earl,	*Menominee, Mich.*
Franklin, Arvilla,	*Tripoli, Ia.*
Frey, Hugo,	*Chicago.*
Gilchrist, Ethel Alice,	*Waukon, Ia.*
Graham, Arthur Cyril,	*Riverside.*

Green, Alice Appleton,	*Highland Park.*
Haist, Louis Philip,	*Freeport.*
Hall, Elizabeth Aitken,	*Highland Park.*
Hamilton, Charlotte Martha,	*Gardner.*
Heinig, Flora Dorothy,	*Winnetka.*
Hitt, Edith Augusta,	*Los Angeles, Cal.*
Hopkins, Cornelia Rathbone,	*Chicago.*
Howell, Una,	*Evanston.*
Jackson, Ada,	*Blair, Neb.*
Johnston, Phoebe,	*Milledgeville.*
Jones, Merle,	*Quincy.*
Jones, Paul Vernon,	*Rockford.*
King, Irene Cuvier,	*Wilmette.*
Larson, Charlotte,	*Ridgeway, Ia.*
Lillyblade, Ethel Myrtle,	*Denver, Col.*
Locke, Hattie Carrie,	*La Salle.*
McElwain, Grace Evalyn,	*Evanston.*
Mack, Grace Edna,	*Storm Lake, Ia.*
Mack, Nellie Eugenia,	*Storm Lake, Ia.*
Madison, Ethyl Mary,	*Quincy.*
Marsh, Don Egbert,	*Evanston.*
Mather, Mary Gertrude,	*Salmon, Idaho.*
Meacham, Elizabeth Belle	*Red Wing, Minn.*
Messner, Mabel Estelle,	*N. Northfield.*
Milner, Sarah Fay,	*Chicago.*
Moore, Miriam Rose,	*Evanston.*
Palmer, Evalyn Sadie,	*Duluth, Minn.*
Parkinson, Ella,	*Mt. Carmel.*
Pease, Samuel James,	*Highwood.*
Pendleton, Mary Louise,	*Evanston.*
Porter, Cornelia Stanley,	*Baraboo, Wis.*
Pratt, Helen Louise,	*Rogers Park.*
Ramsay, Clara May,	*Braceville.*
Raymond, Elizabeth,	*Evanston.*
Reed, Robert John,	*Neepawa, Man.*
Richardson, Grace Estelle,	*Buena Park.*
Russell, Hiram Erl,	*Rockford.*
Ruth, Edna Marl,	*Halstead, Kas.*
St. John, Burton Little,	*Sterling.*
Schauffler, Robert Haven,	*Highland Park.*
Seymour, William Henry,	*Chicago.*
Shaw, Afred Darling,	*Evanston.*
Sheppard, Margarethe,	*Evanston.*
Shumway, Nina Elizabeth,	*Evanston.*

Siller, Lillian Lyell,	*Evanston.*
Siller, Mabel Harriet,	*Evanston.*
Smith, Mrs. Winifred,	*Evanston.*
Snyder, Karl Forbes,	*Riverside.*
Spalding, Alice Huntington,	*Evanston.*
Spencer, Stanhope Reid,	*Cedar Rapids, Ia.*
Stevens, Irene Bertha,	*Evanston.*
Stockton, Martha Cook,	*Evanston.*
Stout, Edith Mary,	*Evanston.*
Taylor, Louise Martha,	*Geneseo.*
Thayer, Jennie Constance,	*Evanston.*
Thompson, Wilhelmina,	*Chicago.*
Tillson, Nena Adele,	*Tillsonburg, Ont.*
Verbeck, Hila May,	*Aurora.*
Wheeler, Wallace Earl,	*Chicago.*
Whitcomb, Leadora,	*Evanston.*
Wilkinson, Gilbert Haven,	*Momence.*
Wilson, Alta May,	*Evanston.*
Wilson, Harry Herbert,	*Chicago.*
Wolfe, Ida,	*Morton Park.*
Woodburn, Wayne Victor,	*McHenry.*
Woods, Grace Myrtle,	*Evanston.*

THE SCHOOLS OF THEOLOGY.

GARRETT BIBLICAL INSTITUTE.

DEGREE COURSE.

SENIOR CLASS.

Anderson, Otto, A.B., Wisconsin State University.	*Racine, Wis.*
Davidson, William Joseph, A.B., Chaddock College.	*Carthage.*
Giddings, Frederick Joshua, A.B., Illinois Wesleyan University.	*Deer Creek.*
Lesemann, Louis Fred W., A.B., Central Wesleyan College.	*Beaucoup.*
Slothower, Anthony Eugene, A.M., Simpson College.	*Perry, Ia.*
Smith, Edward John, A.M., Iowa Wesleyan University.	*San Jose.*
St. Clair, Harry Leslie, A.B., Hamline University.	*Evanston.*
Stephenson, David Thomas, A.M., Indiana University.	*Ellettsville, Ind.*
Stratton, William Jones, A.M., Simpson College.	*Red Oak, Ia.*
Zaring, Joseph Wesley, B.S., Whitman College.	*Walla Walla, Wash.*

DIPLOMA COURSE.

SENIOR CLASS.

Billings, Melvin O., Kansas State University.	*Beaver, Utah.*
Bryan, James Elmer, Northwestern University.	*Menlo, Ia.*
Busby, Edward Simpson, A.B., Hopedale Normal College.	*Hopedale, O.*
Diffenbaugh, Edward Everett, B.S., Monmouth College.	*Monmouth.*
Embree, Albert B., University of Southern California.	*Wildomar, Cal.*
Goodell, Ira Newton, Ripon College.	*Vashon, Wash.*
Judson, Willis Edwin, Academy of Northwestern University.	*Evanston.*

Lane, Charles Sowden, *South Milwaukee, Wis.*
Wyoming Seminary.
Macdonald, William Thomas, *Pomeroy, Ia.*
Newman, Nelden Abraham, *Evanston.*
Academy of Northwestern University.
Scheer, Jacob Edman, *Bethany.*
Lincoln University.
Sedweek, Ephraim, *Cass City, Mich.*
Shinn, Harwin Benjamin, *Springdale, Ia.*
Iowa State University.
Short, George Ranney, *Elkhorn, Wis.*
Elkhorn High School.

DEGREE COURSE.

MIDDLE CLASS.

Bean, Edward Eggleston, A.M., *Evanston.*
Hamline University.
Blair, William Edward, A.B., *Bloomington.*
Illinois Wesleyan University.
Denyes, John Russell, A.B., *Santa Clara, Cal.*
Northwestern University.
Farnsworth, Spencer Acel, A.B., *Cresco, Ia.*
Upper Iowa University.
Farrar, Haddon Spurgeon, A.B., *Blue Rapids, Kas.*
Baker University.
Guthrie, Fred Lincoln, A.B., *Evanston.*
Northwestern University.
Hovis, Will Forney, A.B., *Wesley, Pa.*
Allegheny College.
Hughes, James, A.B., *Mt. Vernon, Ia.*
Cornell College.
McKitrick, John Wesley, A.B., *Paisley, Ont., Can.*
Wesley College.
Pettit, Morley Smith, A.B., *Fruitland, Ont., Can.*
Northwestern University.
Taylor, Ora Walker, M.S., *Fayette, Ia.*
Upper Iowa University.
White, Norris A., A.B., *New Castle, Pa.*
Allegheny College.

DIPLOMA COURSE.

MIDDLE CLASS.

Baldridge, Harry Weir, *Solsberry, Ind.*
De Pauw University.
Barnes, George Willis, *Rolfe, Ia.*
Cornell Academy.
Bennett, Alexander George, *Evanston.*
Academy of Northwestern University.
Bradner, Edward John, *St. Johns, Mich.*
Brewster, Theophilus Atkey, *Creston.*
Jennings Seminary.
Brown, William Edgar, *Bay Mills, Mich.*

Chambers, John Milton, A.B., *Cargill, Ont., Can.*
Northwestern University.
Clark, James Riley, *Wauconda.*
Westfield College.
Clifford, Grove D., *Nelsonville, O.*
Ohio Wesleyan University.
Cobb, George Carroll, *Evanston.*
Academy of Northwestern University.
Combs, Edward Stephen, *Dolson.*
Central Normal College.
Gilbert, Ernest E., *Evanston.*
Upper Iowa University.
Gray, William Walker, *Evanston.*
Hall, Robert Francis, *Oelwein, Ia.*
Upper Iowa University.
Harris, Harley H., *Jackson, Mich.*
Michigan State Normal.
Hocking, Charles Lewis, *Helston, Cornw'll, Eng.*
Hosman, Elmer E., *Oakdale, Neb.*
Valparaiso Normal College.
Huffman, James Absalom, *Chicago.*
Loyd, William Granville, *Lloydville, W. Va.*
West Virginia Conference Seminary.
McLaughlin, Edwin E., *Columbus Grove, O.*
Montague, Chester Richard, *Buffalo, N. Y.*
Munro, Alexander William, *Ailsa Craig, Can.*
Park Hill High School.
Musser, Howard Anderson, *Nelsonville, O.*
Balto City College.
Smith, Attree, *West Jefferson, O.*
Ohio Wesleyan University.
Smith, Irvin Harrison, *Bethany, Mo.*
University of Missouri.
Spyker, John Andrew, *Lima, O.*
Stewart, G. Grant, *Evanston.*
Academy of Northwestern University.
Thompson, Alfred Theodore, A.B., *Preston, Minn.*
Northwestern University.
Van Fossen, Robert Barkley, *East Plymouth, O.*

DEGREE COURSE.

JUNIOR CLASS.

Beimfohr, Otto Henry, A.B., *Pekin.*
Central Wesleyan College.
Bretnal, George Herbert, A.B., *Mt. Vernon, Ia.*
Cornell College.
Case, Harry Claude, A.B., *Fredonia, Kas.*
Baker University.
Reeder, Ralph Maltbie, A.B., *Tipton, Ia.*
Cornell College.
Schutz, Edward Godfrey, A.B., *Edwardsville.*
Missouri Central Wesleyan College.
Yoshizaki, Enos Hikoichi, A.B., *Hirosaki, Japan.*
University of the Pacific.

DIPLOMA COURSE.

JUNIOR CLASS.

Baum, Joseph Keiper, *Philipsburg, Mon.*

Bennett, Andrews Arthur, B.L., *Rosendale, Wis.*
Lawrence University.

Biddle, Jacob Adney, *Middleton, Mich.*
Valparaiso Normal College.

Brown, Carl, *Chariton, Ia.*
Simpson College.

Carnes, James Monroe, *Shelbyville.*
Academy of Illinois Wesleyan University.

Channer, Burley Alfred, *Bassett, Ia.*
Cedar Valley Seminary.

Cheuvront, John Richard, *Mamington, W. Va.*
Fairmont State Normal.

Coghlan, Thomas Henry M., *Chicago.*

Collins, Harry J., *Tippecanoe City, O.*

Crowder, William G., *Cedar Falls, Ia.*
Gosberton Hall.

Dunlavy, Alonzo Alvin, B.S., *Creston, Ind.*
Central Normal College.

Fort, Emanuel, *St. Paul, Minn.*
Monmouth High School.

Fry, Peter Henry, *Chillicothe, O.*

Fulsom, Arthur James, *Dunnville, Ont., Can.*
Albert College.

Gard, Orlando Silas, *Wakefield.*
Academy of Northwestern University.

Hancock, Aubrey, *Cardiff, Eng.*

Haskell, Horace Bray, *Deer Isle, Me.*
East Maine Seminary.

High, Frank Albert, *St. Edward, Neb.*
Academy of Northwestern University.

Hocking, Margaret Ellen, *Helston, Cornw'l, Eng.*

Holmes, John Andrew, B.S., *Fayette, Ia.*
Upper Iowa University.

Johnson, Carl John, *Chicago.*
Norwegian Theological Seminary.

Johnson, Charles Henry, *Chicago.*
Norwegian Theological Seminary.

Johnson, Lee Allen, *Waitsburg, Wash.*
Spokane College.

Jones, George Whitfield, *Greenwich, N. B.*

Knoll, Alfred, M.S., *Des Moines, Ia.*
Simpson College.

Kohlstedt, Edward Delor, *Minneapolis, Minn.*
Minneapolis High School.

Lang, Edward Alonzo, *Monticello, Ia.*
Iowa State University.

Lyons, Ernest Samuel, *Seattle, Wash.*
Howell High School.

McCaffree, Lewis Alpheus, *Sioux City, Ia.*
Cornell College.
Olmsted, William Eugene, *Ashmore.*
Roberts, Walter Ellsworth, *Winchester, O.*
North Liberty Academy.
Rogers, Samuel John, *Watford, Ont., Can.*
Listowal and Harriston High School.
Rood, Dwight Alpheus, *Lapeer, Mich.*
Lapeer High School.
Schafer, Frank Herman, *Port Byron.*
Port Byron Academy.
Schuh, Charles Gottlob, *Evanston.*
Cincinnati High School.
Scull, John Thomas, B.S., *Glenwood, Ind.*
Moore's Hill College.
Skinner George Henry, *Halifax, N. C.*
Centerville Academy.
Smith, John Randolph, *Jefferson, Ia.*
Cornell College.
Stockwell, Eugene S., *Seattle, Wash.*
Academy of Northwestern University.
Stone, Fred Denton, *Rock Falls.*
Dixon College.
Stubbs, Lurton Dunham, *Raymond, Ia.*
Iowa State Normal.
Thompson, John, *Downington, Mich.*
English Theological and Polytechnic School.
Thompson, Jonathan, *Downington, Mich.*
English Theological and Polytechnic School.
Thompson, Tom, *Melvin, Mich.*
English Theological and Polytechnic School.
Tubbs, Chauncey David, *Sethton, Mich.*
Albion Academy.
Van Horn, William Thomas, *Gower, Mo.*
Missouri Valley College.
Van Oeveren, Adrian, *Holland, Mich.*
Hope College.
Welsh, John Wallace, *Newton, Kas.*
Northwestern University.
West, Fletcher Lummis, M.S., *Centralia.*
McKendree College.
White, Charles, *Cardiff, Eng.*
Whitmer, Nathan Abra, *Richmond, Mo.*
Marion College.
Winter, Frank Henry, *Bardolph.*
Hedding College.
Wright, John Milton, *Muskegon, Mich.*
Albert College.
Yost, Jesse J., *Toledo, O.*
Michigan State Normal.
Zimmerman, Cassius Reynolds, Ph.B., *North English, Ia.*
Iowa State University.

NORWEGIAN-DANISH DEPARTMENT.

Amundsen, A. O.,	*Chicago.*
Bague, O. J.,	*Deer Park, Wis.*
Beckstrom, M. J.,	*Madison, Wis.*
Carlsen, Berent,	*Brooklyn, N. Y.*
Christiansen, Charles M.,	*Eau Clair, Wis.*
Gunderson, Gustav,	*Haywood, Wis.*
Hall, Ole,	*Minneapolis, Minn.*
Hansen, H. I.,	*Evanston.*
Hansen, John,	*Fredrickstad, Norway.*
Hansen, N. M.,	*Portland, Ore.*
Jacobsen, H. O.,	*Chicago.*
Kaulom, N. J.,	*Evanston.*
Mathisen, F.,	*High Bridge, N. Y.*
Nordseth, B. B.,	*Chicago.*
Petersen, A. M.,	*Neenah, Wis.*
Petersen, A. F.,	*Fredrikstad, Norway.*
Skoien, F. A.,	*Chicago.*
Thompson, Ole,	*Seattle, Wash.*
Winberg, Knud,	

SWEDISH THEOLOGICAL SEMINARY.

SENIOR CLASS.

Anderson, Johannes,	*Lowell, Mass.*
Beck, Andrew Gustaf,	*South Chicago.*
Benson, Axel F.,	*Upsala, Sweden.*
Bjork, Nels Gustaf,	*Chicago.*
Forsman, Arthur H.,	*McKeesport, Pa.*
Wilkins, Knut,	*Burlington, Ia.*

MIDDLE CLASS.

Bergstrom, Otto,	*Brooklyn, N. Y.*
Edwards, Carl Fabian,	*St. Paul, Minn.*
Eklund, Carl,	*Kewanee.*
Falk, Eric Gustaf,	*Denver, Col.*
Sundstrom, Charles,	*McKeesport, Pa.*

JUNIOR CLASS.

Chillstrom, Nils Johan,	*Chicago.*
Ostlund, Alfred,	*Chicago.*
Westling, Otto W.,	*Philipstad, Sweden.*

LIST OF
DEGREES AND PRIZES
FOR
THE YEAR 1896–7

DEGREES CONFERRED IN 1896.

HONORARY DEGREES.

Doctor of Laws.

James Roscoe Day,
President of Syracuse University.

Melville M. Bigelow,
Law Writer and Professor in the Boston University Law School.

William L. Watkinson,
Clergyman and Editor, London, England.

Doctor of Divinity.

James Frank Stone,
Graduate of the College of Liberal Arts, Class of 1875.

Polemus H. Swift,
Graduate of the College of Liberal Arts, Class of 1881.

Robert Henry Pooley.
Graduate of the College of Liberal Arts, Class of 1882.

Master of Arts.

Elizabeth A. Reed.
Author.

DEGREE IN COURSE.

Doctor of Philosophy.

Vernon James Hall.
Thesis: "A Study of Iron and Zinc Hydroxids in Precipitation."

Francis Cummins Lockwood.
Thesis: "Emerson as a Philosopher."

Master of Arts.

Bradford, Columbus,
Patten, Harrison Eastman,
Van Benschoten, William Crowell.

Master of Science.

Bigelow, Maurice Alpheus,
Neiglick, Anna.

Master of Letters.

White, Harry K.

Bachelor of Arts.

Bennett, Eli Phillips,
Chambers, John Milton,
Clough, Grace Gertrude,
Craig, George Freeman,
Ellis, Fred Charles,
Embree, Frances Buckley.
Fisher, Henry Benedict,
Funston, John Wesley,
Gilbert, George Junia,
Griggs, Ada May,
Holmes, David Wheeler,
Kerr, Ellis Kirk,
King, Charles Homer,
Kitendaugh, Eugene Franklin,
La Fontaine, Charles Verly,
Lowe, Leo Haven,
Main, William Artyn,
McCasky, Katherine Ellen,
Merville, Beulah Edith,
Miller, Esther Margr't McDowell,
Miller, Sumner Marcy,
Mitchell, Francis Joseph Ross,
Murray, Frank Trembly,
Pierce, Elmer Horace,
Pettit, Morely Smith,
Prindle, Miriam Elizabeth,
Sheller, William,
Stebbins, Webster Jonas,
Thompson, Alfred Theodore,
Tompkins, Ginevra Freeman,
Waller, Alfred Joscelyn,
Wilson, Wilbur Fisk,
Zimmermann, Cecil Eggleston.

Bachelor of Philosophy.

Anderson, Sara Eleanor,
Boeye, John Franklin,
Booth, George,
Cox, Frederick Henry,
Craven, Alfred Wesley,
Crippen, Grace,
Fleshiem, Nellie Louise,
Gillette, Fred William,
Grant, Clara,
Hall, Fanny Aline,
Horswell, Gail,
Kanavel, Allen Buckner,
Lowell, Josephine,
Masslich, George Beverly,
McNeill, Iles,
Miner, Elmer Andrew,
Moore, Harriet Marie,
Pearce, James Newton,
Peters, Charles Stevenson,
Puckrin, Andrew Elisha,
Sawyer, Ida Estelle,
Sellew, Roland Rodolphus,
Smith, Faith Edith,
Spofford, Charles William,
Spofford, Florence Louise,
Spunner, George William,
Sweeney, Jessie Mildred,
Williams, Roy Daniel,
Wing, Alliton Grant,
Wirsching, Samuel Henry.

Bachelor of Science.

Batterson, Elmer Samuel,
Bray, Nellie Frances Clark,
Brown, Charles Gardner,
Catherwood, Robert Karl Scott,
Cavano, Will M.,
Jenks, Charles Nye,
Lane, Louis Layton,
Lane, Warren Danforth,
Leesley, Clyde Lester,
McCurdy, Dwight Bradley,
Moore, Flora Patience,
Ramsey, Gorden Aiken,
St. John, Edwin Marshall,
Stonberg, Charles August,
Winans, Katharine.

Bachelor of Letters.

Abernethy, Lulu Amelia,
Bassett, Harriet S.,
Brown, Margaret,
Freeman, Alice Sofronia,
Gray, Winifred,
Grey, Ethel,
Patterson, Edith,
Patterson, Minnie Lorette,
Sinclair, Harriet Anna,
Watson, Frances Susanna.

Doctor of Medicine.

Adams, Nathaniel Holder, Ph.G.,
Allen, William Gray,
Archer, Isaac James,
Baker, William Henderson, B.S.,
Bergstrom, Walter Berzel G.,
Bradbury, James Thomas,
Brownson, Jason Daniel, Ph.B.,
Campbell, John Gailey, A.B.,
Chester, Oscar Paul, B.S.,
Chrisman, William David, B.S.,
Cory, Edwin Vincent,
Craig, Dickey Willard, B.S.,
Crockett, Walter Will,
Crummer, Henry Leroy, B.S.,
Cunningham, James Edward,
Danford, Roscoe Conkling,
Deutsch, John Frederick August, A.B.,
Drueck, Charles John, A.B.,
Eichhorn, Herman George,
Eubank, Marion Darnoby, A.B.,
Fellows, Alfred,
Fifield, George Waterman,
Foley, Edward Albert,
Ford, Edward Parish,
Fowler, Edson Brady, A.B.,
Garland, James Asa,
Gillett, Philip Frederick, A.B.,
Gowen, Guy Aubrie,
Guenther, Theodore Charles,
Haley, Samuel,
Heffernan, Thomas Henry,
Heineck, Aime Paul,
Heywood, Charles Wardell, A.B.,
Hunt, Henry Ebon,
Igou, Charles William,
Iknayan, Nicholas, A.B.,
Jessee, Robert Edward Lee,
Kassabian, Nushan H., A.B.,
Kenyon, Paul Emerson, B.S.,
Lewis, Thomas Henry, Ph.B.,
Lockwood, Charles Daniel, A.B.
Marmaduke, Clement Vallandigham,
Melton, William Alexander, Jr.,
Mitchell, George Damphier,
Moore, Henry Wallace,
Northrup, Frank Abbott,
Paddock, Walter Rowley,
Parker, Rupert Merrill, B.S.,

Parmenter, Bert Newton,
Petsky, Ernest August,
Sale, Leslie Arthur,
Sandborn, Manly Jay, B.S.,
Sauer, Henry Edward, Ph.G., B.Sc.
Scofield, Henry Brazilla,
Shanks, Nicholas,
Shronts, Claude Frank, B.S.,
Simmons, Charles Allee,
Simpson, Frank Edward, A.B.,
Stebbings, Albert L., Ph.B.,
Thornton, David Dunham,
Thoumaian, Hagop, A.B.,
Todd, Charles,
Tombaugh, Frank Mathias,
Van Benschoten, George Wheeler,
Van Benschoten, William Crowell, A.B.,
Van de Roovaart, John,
Walker, Charles Carroll,
Wheeler, John Alfred,
Whitten, Harry Hood, A.B.,
Williams, John Piper, A.B.,
Wilson, Horace Plummer, Ph.B.,
Wilson, William Louis, M.S.,
Woolsey, Frank Mahlon,
Zimmerman, Henry Samuel.

Bachelor of Law.

Aby, Clark Benjamin,
Atkinson, David-Clarence, A.B., Ph.M.,
Badger, Carlton Staples,
Bedlan, Francis Alexander,
Bishop, William Arnold, B.S.,
Bouton, Sherman Hoyt, Ph.B.,
Breen, Michael,
Calhoun, Henry Clay, B.S.,
Catlin, Franklin Sexton,
Cofer, Thomas Noble,
Connable, Alfred Beethoven, A.B.,
Cornwell, Willett Hastings,
Crafts, William Clayton, A.B.,
Crowell, Solon Wentworth,
Cunningham, William Bennett,
Davidson, David Millen, A.B.,
Davidson, William Elliott, A.B.,
Deets, Charles Tilden,
Egan, James William,
Ewing, Frank, A.B.,
Foell, Charles Michael, Ph.B.,
Gary, Simon Peter, Ph.B.,
Gilbert, Shelden Douglass,
Harding, Victor Mathew, A.B.,
Heinemann, Walter Frederick,
Higinbotham, Scott Newell,
Hoffman, Clare Henry,
Hubbard, Theodore Worthington,
Ide, Arthur C.,
Johnson, Thomas Lewis,
Johnston, William Sanders, A.B.,
Jones, William Morris, Jr.,
Keck, Hiram Isaac,
Keim, George Clayton,
Lee, Lester Edwin,
Magruder, Henry Latham,
McBean, Archibald John Frederic, A.B.,
McBirney, George Day, A.B.,
McCard, William Chester, B. Lit.,
McGovney, Arthur Wilson,
Moore, Arthur Livingstone,
Moroney, Patrick Henry, B.S.,
Olds, Lee Merritt,
Painter, John Hale,
Pearson, Andrew Cameron, A.B.,
Pierce, Walter Marcus,
Porter, Kay Gill,
Rathje, Fred A.,
Rex, William McMinn,
Rothmann, William,
Sandberg, Charles Albert,
Schoenmann, Charles Sumner,
Schuyler, Daniel Jay, Jr.,
Sharpe, Horace McVicker,
Sinkler, Edward Ralph, A.B.,
Smith, Carl Schurz, A.B.,

Smith, George Parkhurst,
Strong, William Gillespie, Ph.B.,
Talcott, Thaddeus Mead, Jr.,
Terrill, William Thomas,
Trumbo, Arthur Cook, A.B.,
Williams, Charles H.,
Young, Hobert Paul, A.B.

Pharmaceutical Chemist.

Lisle, Howard Cochran,
Macy, Sherman Riley,
Osseward, Cornelius,
Rowe, Alexander Oakley,
Whitehead, Bower Thomas,
Wilde, Ferdinand Albert,
Woolsey, Jesse Francis.

Graduate in Pharmacy.

Albright, Andrew Cooper,
Alford, Edward True,
Allen, Robert Ezra,
Anderson, Charles Albert,
Anderson, Charles August,
Bamborough, Claude Edward,
Bartz, Edward Rudolph,
Bauman, Louis Christian,
Beck, Francis Berry,
Beeson, Otis Jesse,
Beyer, Arthur Edwin,
Bishop, Ernest,
Blanchard, Charles B.,
Blish, Gregory Emerson,
Borden, Frank Runcorn,
Breaid, Robert Vivyan,
Brines, Paul Clinton,
Brinkman, Oscar Christian,
Brown, Fred J.,
Butcher, John,
Byrud, John,
Campbell, William Linn,
Caryl, John Alexander,
Chittenden, Horace Walter,
Collins, Albert Roy,
Copeland, Frederick William,
Corgan, Edgar Clinton,
Crothers, Louise Marie,
Cupler, Ralph Clinton,
Davis, Walter Scott,
Delaney, John Patrick,
Demaray, Charles Howard,
Dennis, John Cross,
Dick, John William,
Donovan, Timothy Morrissey,
Dow, John Peter,
Egler, William Frederick,
Evans, Ira Ellsworth,
Farnsworth, Julius Mellen,
Forsyth, Francis, Jr.,
Fox, Vincent Augustine,
Freund, George,
Gatzman, Eva Katherine,
Gerner, Thorvald Levin,
Giller, Frank Eugene,
Glazebrook, Milton Bradford,
Gleeson, Benjamin,
Godfrey, Andrew Elwood,
Goll, Bruno Henry, Jr.,
Grant, Albert Clayton,
Grassly, William Lewis,
Graves, Clarence Ambrose,
Green, Mary Theresa,
Greenwell, Benjamin Ernest,
Gries, Henry Andrew,
Gretter, William Cecil,
Grisdale, Charles,
Halbkat, Franklin Walter,
Halsell, Oliver Linden,
Hansen, Otto Theodore,
Hanson, Eugene Waldron,
Henton, Clarence Henry,
Heper, Carl,
Hill, Frank Albert,

Howard, Agnes May,
Holbrook, Newell Thomas,
Howe, Lyle Leroy Lewis,
Johnson, Albert Hoover,
Jones, Frank Knight,
Jones, Hugh Owen,
Kilvary, Robert Daniel,
Kline, K. Mary,
Knapp, George Dennis,
Knuth, William Lewis,
Koch, Robert August John,
Krizan, William,
Kuhn, Anthony Edward,
Leenheer, Cornelius Arthur,
MacRae, John Livingston,
Magee, Samuel Rueben,
Marsh, Orlando Shirley,
Marshall, Oliver Ernst,
McDermott, Cornelius Louis,
McDermott, June,
McDougal, Harry Hubbard,
McLean, John Sharp,
Meier, Albert Oscar,
Meloan, Robert Wells,
Mercer, William Elmer,
Meyer, Otto Frederick,
Miller, Harvey Franklin,
Morris, William Clayborne,
Mulvey, James,
Munger, Don Marshal,
Murbach, John Edward,
Nelson, John Frederick,
Neufeld, Frank,
O'Keefe, Charles Joseph,
Ordway, John Cuykendall,
Orr, Alexander L.,
Ott, Clare Allen,
Palmer, Fred Everett,
Palmer, John Wesley,
Patterson, William Morris,
Paxson, Loren Custer,
Peterson, Frank William,
Phalen, John William,
Pinney, Harry Henderson,
Pond, Henry Warner,
Rice, William Hawley,
Rockwood, Edmund Franklin,
Rohrlack, Otto,
Rummell, Abdeile,
Rutherford, Archibald Emmett,
Sayre, Charles Alexander,
Schreiber, Charles Darwin,
Seaman, John Martin,
Seaman, Mary Eleanor,
Siebel, Frederick Peter,
Snyder, Clayton Johnson,
Sourwine, Arra Zelotus,
Stock, Theodore William,
Stone, Lewis Ledman,
Sullivan, Daniel James,
Sutton, Charles Edward,
Swan, Earle Chandler,
Sweet, William Herbert,
Theller, Frank Pioche,
Thorelius, Oscar David,
Town, Elnathan,
Trowbridge, Leslie James,
Turnquist, Carl Martin,
Viall, Fayette Burke,
Walker, William Glenn,
Wenzel, John,
White, Henry Kirk,
Whitney, Mabelle Berdena,
Wing, Franklin Benjamin,
Wrixon, Thomas William, Jr.

Doctor of Dental Surgery.

Baker, Jesse Dwight,
Beesley, James Gordon,
Carey, Albert Barnes,
Cornell, Lynwood Hay,
Chase, Herbert Harry,
Dace, J. Walton,
Dinwiddie, John Abbott,
Eagleson, William Edward,

Fischer, Hugo G.,
Graham, John Hilton,
Grove, Samuel Grant,
Irwin, Fred Herbert,
Knapp, Clair Webb,
Larkin, John Jefferson,
Lasbury, Vincent,
Murphy, John Leo,
Myers, Ernest Adam,
Patterson, Edgar Clay,
Piper, Orlando Hawkins,
Rittenhouse, Frederick Morris,
Ruggles, Stewart Dana,
West, J. Edward,
Westcott, Albert Chester,
Wise, Charles Henry.

Doctor of Medicine (*Woman's Medical*).

Allhands, Mary Frances,
Caldwell, Delia,
Dowiatt, Marja,
Downer, Mary Alice,
Dunn, Mabel,
Dwyer, Anna, B. A.,
Ebel, Lilian,
Field, Eva H.,
Jackson, Josephine Agnes,
Lee, Mrs. Frances Horton,
Magruder, Mrs. Alice Neill,
MacKenzie, Christina Humphrey,
McGavin, Jessie,
Osborne, Grace,
Pearcy, Mrs. Lillian Allhands,
Poor, Mrs. Nellie Chamberlain,
Rice, May Cushman,
Shaffer, Vesper, B.A.,
Shank, Susan Frances,
Siegel, Emma,
Smith, Alice Maude,
Stinson, Alice C.,
Wild, Mary Anne,
Williams, Cora Belle,
Willits, Emma Kellogg,
Wright, Rebekah,
Young, Josephine Estabrook.

PRIZES AND HONORS.

(From September, 1895, to September, 1896.)

IN THE COLLEGE OF LIBERAL ARTS.

The Kirk Prize, for Writing and Pronouncing the best English Oration: Charles H. King.

The Shaffer Prizes, for Excellence in Declamation: First Prize, Theodora U. Irvine; Second Prize, Michael J. Schneider.

The Gage Prize, for Excellence in Debate: J. Stitt Wilson.

The Harris Prize in Political and Social Science, E. S. Batterson.

The Cushing Prize in Municipal Government: Mrs. F. B. Embree.

IN THE LAW SCHOOL.

The Callaghan Prize: W. E. Davidson.

IN THE WOMAN'S MEDICAL SCHOOL.

The Danforth Prize: Eva Field.

OFFICERS OF ALUMNI ASSOCIATIONS.

FOR THE YEAR 1896–97.

COLLEGE OF LIBERAL ARTS.

President—R. H. Pooley, '82.
Vice-President—Mrs. R. R. Childs, '75.
Treasurer—W. H. Tuttle, '88.
Secretary—Ada Townsend, '89.

DIRECTORS.

TERM OF OFFICE EXPIRES 1897.

James T. Hatfield, '83.
Frank M. Bristol, '77.
Ada Townsend, '89.

TERM OF OFFICE EXPIRES 1898.

Mrs. W. A. Dyche, '91.
Robert H. Pooley, '82.
William H. Tuttle, '88.

TERM OF OFFICE EXPIRES 1899.

Edwin A. Schell, '85.
Mrs. R. R. Childs, '75.
Wilfred F. Beardsley, '93.

MEDICAL SCHOOL.

President—Dr. Frank T. Andrews, '84, Chicago.
First Vice-President—Dr. A. E. Owen, '83, Princeton.
Second Vice-President—Dr. R. M. Parker, '96, Chicago.
Secretary—Dr. William A. Mann, '83, Chicago.
Treasurer—Dr. E. Wyllys Andrews, '81, Chicago.
Necrologist—Dr. J. H. Stowell, '81, Chicago.

LAW SCHOOL.

President—Frank H. Scott, The Temple, Chicago.
First Vice-President—Julius Stern, 735 Stock Exchange Bldg., Chicago.
Second Vice-President—Frank O. Lowden, The Temple, Chicago.

Third Vice-President—ARTHUR D. WHEELER, 1007 Tacoma Bldg., Chicago.
Secretary—GLENN E. PLUMB, 916 Monadnock Bldg., Chicago.
Treasurer—O. R. BARNETT, 1515 Monadnock Bldg., Chicago.

DENTAL SCHOOL.

President—DR. GEORGE B. MACFARLANE,
First Vice-President—DR. WHITSON.
Second Vice-President—DR. JOSEPHINE PFEIFER,
Treasurer—DR. WILLIAM E. HARPER.
Secretary—DR. L. A. EDWARDS.

SCHOOL OF PHARMACY.

President—CHARLES W. PATTERSON, '92, Chicago.
First Vice-President—WILLIAM H. BROWN, '90, Irving Park.
Second Vice-President—OTTO S. PAVLIK, '94, Chicago.
Third Vice-President—JOHN A. CARYL, '96, Norwich, Conn.
Recording Secretary—FRANK WRIGHT, '95, Chicago.
Corresponding Secretary—MRS. IDA H. ROBY, '89, Chicago.
Treasurer—FRANK J. GERMER, '87, Chicago.

WOMAN'S MEDICAL SCHOOL.

President—AVIS SMITH, M.D., Kansas City, Mo.
Secretary—ELIZA H. ROOT, M.D., 489 W. Monroe St., Chicago.
Treasurer—MARY C. HOLLISTER, M.D., Chicago.
Necrologist—CARRIE NOBLE WHITE, M.D., Urbana.

GARRETT BIBLICAL INSTITUTE.

President—REV. J. W. RICHARDS, B.D.
First Vice-President—REV. W. A. SHANNON.
Second Vice-President—REV. DUSTIN KEMBLE, B.D.
Secretary and Treasurer—REV. J. A. MATLACK, B.D.
Annalist—REV. J. A. MATLACK, B.D.

RECORDER OF ALUMNI.

The Faculty of Liberal Arts has appointed Miss Lodilla Ambrose (2024 Orrington Ave., Evanston) Recorder of Alumni. It is desired that alumni of the College of Liberal Arts should keep her informed as to any biographical items of interest, especially changes in address, and notices of the deaths of any of the graduates.

Professor Edward Avery Harriman, Evanston, Ill., has been appointed Recorder of Alumni for the Law School, and the law alumni are requested to communicate to him their addresses, and biographical items of interest.

PHI BETA KAPPA.

OFFICERS.

President—H. F. Fisk.
Vice-President—M. S. Terry.
Treasurer—H. S. White.
Recording Secretary—G. A. Coe.
Corresponding Secretary—A. V. E. Young.

MEMBERS INITIATED JUNE 10, 1896.

Charles S. Slichter, '85.
Clinton S. Tomlinson, '86.
Lulu A. Abernethy, '96.
Nellie F. C. Bray, '96.
Margaret Brown, '96.
Grace G. Clough, '96.
Alfred W. Craven, '96.
Henry B. Fisher, '96.
Nellie L. Fleshiem, '96.
Clara Grant, '96.
Ethel Grey, '96.
Fanny A. Hall, '96.
Charles H. King, '96.
Warren D. Lane, '96.
Beulah E. Merville, '96.
Flora P. Moore, '96.
Harriet M. Moore, '96.
Charles S. Peters, '96.
Miriam E. Prindle, '96.
Florence L. Spofford, '96.
Jessie M. Sweeney, '96.
Ginevra F. Tompkins, '96.

SUMMARY OF STUDENTS.

College of Liberal Arts:		
Fellows,	2	
Resident Graduates,	18	
Candidates for Master's Degrees *in absentia*,	3	
Candidates for a Bachelor's Degree,	389	
Students not Candidates for a Degree,	109	521
Medical School:		
Fourth Year,	56	
Third Year,	90	
Second Year,	77	
First Year,	105	328
Law School:		
Seniors,	95	
Juniors,	82	
Special Students,	11	188
School of Pharmacy:		
Graduates,	1	
Candidates for Degree of Pharmaceutical Chemist,	10	
Seniors,	139	
Juniors,	113	
Special Students,	3	
Deduct names counted twice,	83	183
Dental School:		
Seniors,	144	
Juniors,	188	
Freshmen,	181	513
Woman's Medical School,		120
School of Music,		101
Garrett Biblical Institute:		
Senior Class,	24	
Middle Class,	41	
Junior Class,	61	126
Norwegian-Danish Theological School,		19
Swedish Theological School:		
Senior Class,	6	
Middle Class,	5	
Junior Class,	3	14
Total number of Students,		2113

INDEX.

Absences, 116.
Academy of Sciences, 130.
Accredited Schools, 55.
Aims and Methods of Instruction, 98.
Admission,
  In College of Liberal Arts, 49–59.
  In Medical School, 151.
  In Law School, 174.
  In School of Pharmacy, 190.
  In Dental School, 198.
  In Woman's Medical School, 209.
  In Garrett Biblical Institute, 229.
Advanced Standing. Admission to,
  In College of Liberal Arts, 58.
  In Medical School, 152.
  In Law School, 174.
  In School of Pharmacy, 191.
  In Dental School, 198.
  In Woman's Medical School, 210.
Algebra, 83.
Alumni Officers, 321.
Anatomy, 155–157.
Anglo-Saxon, 66.
Astronomical Observatory, 123.
Astronomy, 62, 98, 123.
Athletics, 134.

Bacteriological Laboratory, 159.
Bacteriology, Instruction in, 159.
Bible, 62, 98.
Biology, see Zoölogy and Botany.
Botanical Laboratory, 131.
Botany, 63, 98.

Certificates for Admission, 55.
Charter, 35.
Chemical Laboratory, 131, 154.
Chemistry, 63, 99, 154.
Christian Associations, 133.
Clinical Instruction, 169, 215.
College Cottage, 126.
College of Liberal Arts, 45–144.
  Faculty of, 45.
  Law Studies in, 115.
  Medical Studies in, 114.
  Students of, 245.
  Theological Studies in, 115.
Comparative Philology, 64.
Constitutional Law, 82.
Courses of Instruction, 62, 154, 176, 189, 201, 211, 231, 240.

Danish, 89, 109.
Dearborn Observatory, 123.
Degrees Conferred in 1896, 309.
Degrees,
  In College of Liberal Arts, 49, 117–123.
  In Dental School, 204.
  In Law School, 182.
  In Medical School, 168.
  In School of Pharmacy, 191.
  In Woman's Medical School, 217.
  In Schools of Theology, 231.
Dental School, 196.
Doctor of Philosophy, Degree of, 120.
Dormitory, 125.

Election of Studies, 113.
Electricity, 91, 111.
Elocution, 65, 99.
English Language, 65, 100.
English Literature, 66, 101.
Ethics, 86, 108.
Examinations,
  In College of Liberal Arts, 54, 116.
Expenses,
  In College of Liberal Arts, 141.
  In Law School, 184, 185.
  In Music School, 225.
  In School of Pharmacy, 193.
  In Dental School, 205.
  In Woman's Medical School, 220.
  In Theological School, 238.

Faculties, Members of, 18.
Fayerweather Hall of Science, 123.
Fees, see Expenses.
Fellows, 245.
Fellowships, 137.
French, 69, 102.

Garrett Biblical Institute, 228.
Geology, 71, 103.

German, 72, 102,
Gothic, 75, 103.
Graduation, see Degrees.
Graduate Work, 118.
Greek, 76, 103.
Gymnasium, 125.
Gynecology, 164, 216.

Hebrew, 77, 104.
Heck Hall, 126.
Histological Laboratories, 157.
Histology, 157.
History, 78, 105.
Honors, 168.
Hospitals, 169, 215.
Hospital Appointments, 217.

International Law, 83, 106.
Italian, 81, 105.

Laboratories, 131, 150, 214.
Latin, 81, 105.
Law, 82, 106,
Law School, 173.
Libraries, 127, 150, 181, 236.
Literary Societies, 136.
Loans, 144.
Logic, 90.

Master's Degree, 118, 183.
Mathematics, 83. 107.
Medical School, 145.
Medical, Preparatory Course, 152.
Memorial Hall, 125.
Meteorology, 62, 98.
Mineralogy, 85, 107.
Moral and Social Philosophy, 86, 108.
Museums, 128.
Music Hall, 127.
Music, Instruction in, 88, 108, 221.
Music, School of, 221.
Musical Organizations, 136.

Norwegian, 89, 109.
Norwegian-Danish Theological School, 238.

Observatory, Astronomical, 123.
Obstetrics, 161, 216.
Organization, 34.
Orrington Lunt Library, 125.

Paleontology, 72.
Pedagogics, 89, 110.
Petrology, 85, 107.
Pharmacy, School of, 186.
Philosophy, 86, 90, 110, 108.
Physiology, 157.
Physical Culture, 133.
Physics, 91, 111.
Political Economy, 92, 111.
Prizes, 138, 180.
Psychology, 90.

Records, 116.
Religions, 94.
Registration, 112.
Religious Culture, 132.

Scholarships, 137, 219, 225.
Societies, 136.
Spanish, 95.
Special Students,
  In College of Liberal Arts, 58.
  In Law School, 176.
  In School of Pharmacy, 192.
  In Woman's Medical School, 210.
Statutes, 40.
Students, Catalogue of,
  In College of Liberal Arts, 245.
  In Medical School, 253.
  In Law School, 267.
  In School of Pharmacy, 273.
  In Dental School, 280.
  In Woman's Medical School, 293.
  In School of Music, 297.
  In Schools of Theology, 300.
Summary of Students, 320.
Swedish, 95.
Swedish Theological School, 239.
Swift Hall, 126.

Theology, Schools of, 228.
Trustees, 15.

University Council, 32.
University Hall, 123.
University Sermons, 133.
University Settlement, 137.

Woman's Hall, 126.
Woman's Medical School, 207.
Women, Admission of, 59.

Zoölogy, 95, 112.

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